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Do not assume content reflects current scientific knowledge, policies, or practices.

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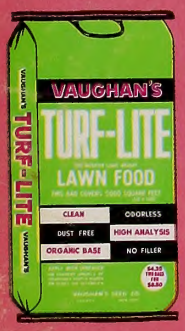
Vaughan's GARDENING ILLUSTRATED 1962

86th Anniversary •SPECIALS•



TURF-LITE
LAWN FOOD

Lowest-priced, highest quality nationally-advertised lawn food. High nitrogen nourishment (20%) for greenest lawn beauty plus 10% phosphorous and 5% Potash for strong growth.

5,000 SQ. FT. BAG **$4.35**

PRE-KILL
BEST CRABGRASS CONTROL

- Tops in University Tests
- Averages 99% effectiveness
- Controls for 3 years
- Costs least per year

Contains wonder-working calcium arsenate, still the best pre-emergent chemical. Spread Pre-Kill on; kills sprouting seed.

1,000 SQ. FT. BAG **$4.95**

MASTER BLEND
MERION FORMULA

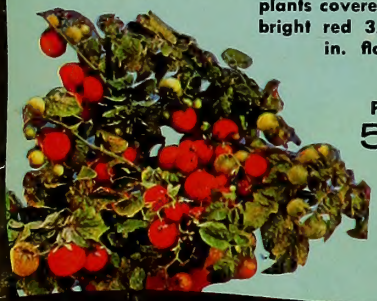
Guaranteed to give you America's finest lawn in good *or bad* soil! Blend turf experts recommend: over 40% Merion plus 3 other newest, best grasses known.

3 POUNDS. SEEDS 2250 SQ. FT. **$5.25**

SAVE $1.50, BUY ANY 3 . . .

Buy 3 Pre-Kill, or 1 Turf-Lite and 2 Master Blend, or any combination of 3 of above items. Deduct $1.50 from Total Price. Shipped prepaid.

TINY TIM TOMATO



Probably the cutest, most decorative vegetable for your garden. Small bushy plants covered with bright red 3/4—1-in. flavorful fruits.

Packet **50c**

BROWNIE SCOUT MARIGOLD

Lovely gold flower named in honor of 50th anniversary of Girl Scouts. Ideal for low borders, edging and petite bouquets. Packet **25c**

PLANT-A-POTS

Start seeds in these molded peat moss pots, then plant pot and all in garden soil — no transplanting shock. Roots penetrate walls.

No.	Size	Wt. per 100	Postpaid per 100
S-1570A	1¾" Sq.	3 lbs.	$1.98
S-1570B	2¼" Rnd.	3 lbs.	$2.29
S-1570C	2¼" Sq.	3 lbs.	$2.89
S-1570D	3" Round	4 lbs.	$3.49
S-1570E	3" Sq.	5 lbs.	$4.29
S-1570F	4" Std. Rnd.	6 lbs.	$7.50

SAVE 20c to 75c, BUY ALL 3 . . .

Buy Tiny Tim and Brownie Scout packets and deduct a 10% discount on 100 of any size PLANT-A-POTS.

Vaughan's Guarantee • SATISFACTION OR YOUR MONEY BACK

Form 3547 requested

Vaughan's Seed Company
601 W. Jackson Blvd.
Chicago 6, Ill.

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Chicago, Ill.
Permit No. 1

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GLAMOROUS BEGONIAS

Collection of Garden Types Everyone Can Grow $2.00 PRE-PAID
12 Imported Large Tubers—3 Each of 4 Colors

THESE ARE THE COLORS: RED, WHITE, PINK, YELLOW

All Tubers 1½-2 Inches in Diameter—Each Color Separately Bagged and Labeled

Tuberous rooted begonias thrive in the shade and reward the gardener not with a single flower of great beauty, as do most summer bulbs, but with a succession of magnificent blossoms all season long.

No wonder they have become in recent years one of the most widely grown flowers in this country, rivaling the gladiolus, if not surpassing it in popularity.

With their great beauty, they combine ease of culture when their basic needs are understood and supplied. Their liking for shade has helped make them popular, since a majority of home owners have shady spots for which it is often difficult to find attractive plants.

Begonias thrive on porches, where they can be grown in planters or large pots, in the shade of oak trees, and on the north side of buildings, where they get a few hours of morning or afternoon sun.

They are among the easiest flowers for an amateur to start growing under protection in the early spring, to be moved outdoors as soon as the danger of frost is over. Complete instructions on starting and transplanting them are sent with every order.

NEW TYPES

Picotee. (Illustrated Below.) These lovely flowers have the camellia form, with each petal edged with a different color, in the manner of the picotee carnations. The effect is delightful in flower arrangements. You get a wonderful mixture of color: white with red edge, white with pink edge, salmon with scarlet edge. 1½ to 2 in. bulbs, Each 30c, 12 for $3.00.

Rosebud. Flowers of this class have the form of a rose bud in pastel coloring. Separate colors cannot be supplied, but all pastel colors in the mixture are harmonious and pleasing in combinations. 1½ to 2 in. bulbs, Each 30c, 12 for $3.00. **See Page 5 for Other Begonias**

Picotee

Pendula (Hanging Basket) Begonias.

Pendula (Illustrated above). These bear double flowers on long stems which drape over the sides of a hanging basket, or planter box, producing a novel and attractive decorative effect. Excellent for a window-box on the shady side of the house. Colors for your selection include scarlet, yellow, white, orange, salmon pink. 1½ to 2 in. bulbs, Each 30c; 12 for $3.00; 25 for $5.00.

A GARDEN OF *Autumn Giant* MUMS

OUR SELECTION

COLLECTION M100 AUTUMN GIANTS—Our selection of 10 plants giving complete color range and producing large flowers 4-5" when disbudded as per culture. **$2.50** Postpaid

COLLECTION M9

Our selection—Ten Mum Plants $2.00 Prepaid

Our selection of 10 plants, including pompons, buttons, spoons, azalea-like (cushion) and decorative types with cultural instructions. Properly planted and pinched will make vigorous, large, free flowering bushes in late summer..... **$2.00**

AUTUMN GIANTS

Disbudding Autumn Giant varieties results in 4 to 5 in. flowers.

By disbudding the following varieties only (although any variety will be somewhat larger) you will have much larger flowers, like football mums. In disbudding you remove all the flower buds except the center one on each stem. You must disbud the plants as soon as the buds form.

The following varieties which are listed under each color group, if handled in this manner will give you real Autumn Giants.

Bronze Giant, Mikado, Butterscotch, Golden Age, Newton, Premier, Gardenia, Grace Bradshaw, Helen Bogue, Lady Fair, Ruth Scott

GROW CHRYSANTHEMUMS from Disease-free Plants

A new scientific culture has revolutionized chrysanthemum growing. Plant our inexpensive rooted cuttings, taken from disease-free greenhouse plants. Starting them from April through June according to your climatic area you can produce an autumn display of color rivaling nature's Indian Summer.

Our small healthy and vigorous cuttings grow without a check during favorable summer weather. By flowering time, if properly pinched (pruned) each will make a large, branching plant covered with blooms. Full cultural instructions sent with each order.

First Year Plants, Prepaid. Minimum order 5 plants Each 35¢, 5 or more of one variety, Each 25¢

BRONZE & RED

CH101 BRONZE GIANT. Large bronze decorative, improved by disbudding.

CH102 CAMPAIGNER. Large cactus decorative of bronze gold, deepens to gold with cool weather.

CH103 COCHISE. Tawny red decorative, compact plant completely hidden by blooms.

CH104 LIPSTICK. Cushion, ruby orange red, one of the better red cushions.

CH105 MIKADO. Large 4" beautiful red cactus type decoratives.

CH106 PANCHO. Excellent compact cushion, brilliant orange blooms, very attractive plants of formal perfection.

CH107 ROCKET. Vivid true red cushion fine compact form, perfectly globular.

CH108 RUTH SCOTT. Large semi-incurved golden bronze decorative. One of best and most colorful big mums.

CH109 RUBY MOUND. Sensational bright deep ruby red cushion.

CH110 SPARKIE. New, vibrant bronze cushion, compact growth. Fine for foundation and border.

YELLOW

CH111 BUTTERSCOTH. Huge golden yellow decorative.

CH112 EXETER. Produces golden formal decorative flowers, a showy display with compact habit.

CH113 GOLDEN AGE. Large reflex golden yellow.

CH114 NEWTON. Large 4" golden yellow cactus flowering, dwarf grower.

CH115 PREMIER. Large bright yellow, the double flowers form a ball when fully opened.

CH116 SUNDANCE. Lemon yellow decorative, striking massive effect, ideal for cutting.

CH117 TONKA. Large deep yellow decorative flowers.

CH118 YELLOW CUSHION. Decorative yellow cushion.

WHITE

CH119 CRYSTAL. Pure white pompon with showy petals and longstems.

CH120 GARDENIA. Large, very double white decorative. Profuse bloomer, extreme vigor and strong stems.

WHITE

CH121 GRACE BRADSHAW. Very large decorative satiny white petals, husky, vigorous grower.

CH122 MT. HOOD. Large pure white decorative. A Real beauty.

CH123 RAGGEDY ANN. Beautiful large white cushion type novelty. Carnation type petals with loads of flowers. For those who want something different.

PINK

CH124 FUTURAMA. Produces a large mound of coral decorative type flowers.

PINK

CH125 HELEN BOGUE. Large rose purple decorative.

CH126 LADY FAIR. Large orchid pink cactus decorative.

CH127 MINNPINK. A lovely rose pink cushion.

CH128 PAT LEHMAN. Decorative type of enchanting peach pink

CH129 PURPLE PIRATE. Large decorative orchid flowers whose centers have a whorl appearance, good disbud.

PINCHING MUM PLANTS

The first pinch should be made about 14 days after planting (see illustration). By pinching you make the plant branch, control height, and shape and produce more blooms.

The second pinch should be made 3 weeks after the first pinch. If you desire low bushy plants for the border a third pinch should be made during last week of July. For taller or cut flower purposes make only two pinches, but in no case should the last pinch be made in Northern states later than the last week of July.

1st Pinch

2nd Pinch

VAUGHAN'S FAMOUS *Rainbow Garden of Gladioli*

NOW! A GREATER VALUE THAN EVER!

A Superb Mixture of 76 Flowering-Size Bulbs 1 to 1¼-in. Diameter . . . . . All for only $2.00 Prepaid

FLOWERS ALL SUMMER! Yes, fill your rooms with lovely blooms cut from your own Rainbow Garden of gorgeous Pinks, Yellows, Scarlets, Whites and Lavenders. Watch your neighbors stare in sheer amazement at the incredibly beautiful flowers you have grown (and only you will know how easy it was). Easy because these are young, vigorous, good-sized bulbs—the kind used to grow exhibition flowers.

GUARANTEED TO BLOOM! Just follow the simple instructions included. And remember, these bulbs will multiply and produce new ones for next year, increasing the value of your investment. So don't wait, get started on your wonderful garden of Gladioli now! Hint: buy extras for the most thoughtful, never-to-be forgotten gifts! At only $2 for 76 bulbs, this is an outstanding value.

LILIUM SPECIOSUM RUBRUM

Lovely Pink Lily

8-9 Inch, 3 For $1.00; Doz., $3.50

This is most beautiful of pink lilies and is also the easiest to grow. It is seldom attacked by disease, and perfectly hardy, living for years in the coldest sections of the country when planted in a well drained place.

It grows slowly, with sturdy stems reaching a height of 4 feet, and blooms in late August and early September, producing branches of flowers many of which reach 6 inches in diameter. Usually 8 to 12 flowers per plant blooming over a 3 week period.

The frilly petals are white, but so flushed with deep pink that only the margins are clear white; and numerous dots of carmine decorate the petals. These are reflexed, or turned back, while long stamens and pistil project with decorative effect.

Planting instructions are sent with the bulbs.

The fancy-leaved Caladiums are colorful plants for window-boxes or semi-shady places in the garden. They like a well drained, rich soil but do well in good garden soil if it is not too heavy. Start the bulbs inside in pots covering with one inch of soil. Water sparingly until growth commences, then water liberally. Plant out after danger of frost is over.

FANCY-LEAVED CALADIUM BULBS

SELECT NAMED VARIETIES

CL1 CANDIDUM. Snow-white, green veins.
CL2 FANNIE MUNSON. Rose with scarlet ribs.
CL3 ITACAPUS. Dwarf dark red with brighter red spots. One of the best.
CL4 FREIDA HEMPLE. Dwarf, very bright vivid red. Considered by some finer than Poecile.
CL5 MRS. W. B. HALDEMAN. Red center, green edge.
CL6 PINK CLOUD. Crinkled pink leaves with mottling.
CL7 PINK LADY. New. Pink, red midribs, green border.
CL8 POECILE ANGLAIS. Deep crimson bordered metallic green, vigorous and popular.
CL9 SUNBURST. Bright red center, red spots surrounded by gold hue.
CL10 WHITE CHRISTMAS. New. Similar to Candidum. White, green midribs and margin.

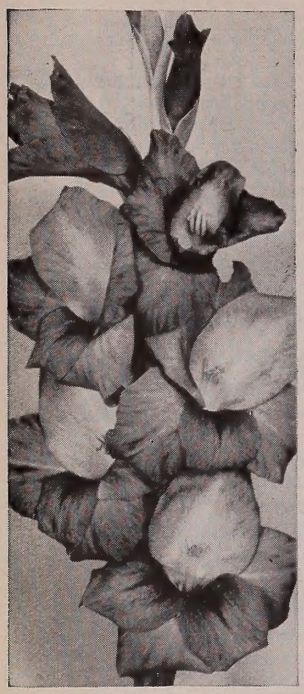
Prepaid Prices on Above Varieties

3 bulbs of one variety for $1.25
6 bulbs of one variety for $2.25
12 bulbs of one variety for $4.00
25 bulbs of one variety for $7.50

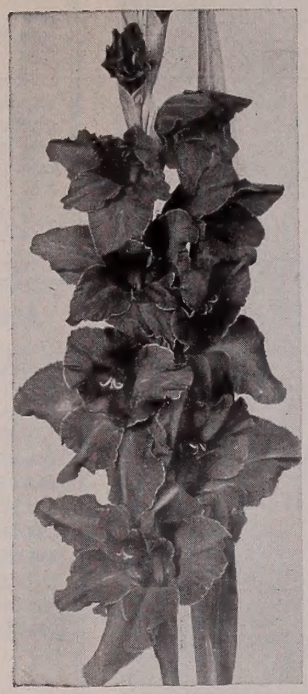
FANCY-LEAF CALADIUM MIXED
6 FOR $2.00 — 12 FOR $3.50
25 FOR $6.00

INDEX ON CENTER PAGES

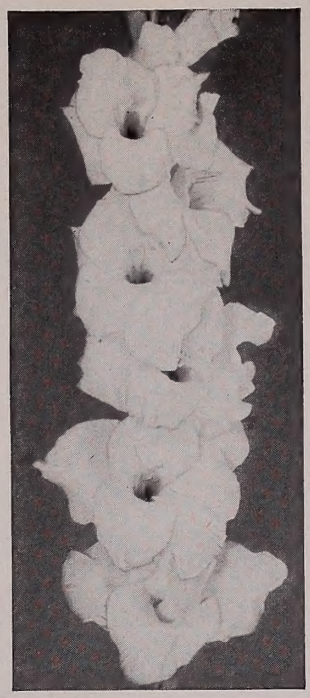
Top Ranking Gladiolus Varieties



SALMAN'S SENSATION



VIOLET CHARM



FLORENCE NIGHTINGALE

INNOCENCE

BEST OF THE NEW INTRODUCTIONS

GL106 BLUE SMOKE (Rich). Attractive blend of blue and gray shades, tall straight spikes, destined for great popularity. Doz., $4.50; 25, $8.50; 100, $30.00.

GL102 BROWN LULLABY. Smooth, light mahogany with a red throat feather and a distinct silver petal edging. Eight to ten 4½-in. open at once of 18—20 buds on tall plants. Has a fine show record. Doz., $2.50; 25, $4.50; 100, $15.00.

GL103 COPPER LUSTRE (Pazderski). Smoky rose with dark tan interior, heavily ruffled. Doz., $1.00; 25, $1.90; 100, $7.00.

GL104 EARLY SPRING. Very early. Light pink. Doz., $4.50; 25, $8.50; 100, $30.00.

GL107 FLORENCE NIGHTINGALE (Harris). Ex. Outstanding new white from Canada. Opens 8 well placed florets on tall straight spike. Doz., $1.00; 25, $1.90; 100, $7.00.

GL108 FRIENDSHIP (Fisher). Ex. Bright true pink, blended with cream and white throat. It is a sensational propagator from small bulbs, and one of the first to bloom. Doz., $1.00; 25, $1.90; 100, $7.00.

GL109 GATINEAU (Canada). Tall, solid deep orange, opens 6 to 8 large flowers at once. Doz., $1.00; 25, $1.90; 100, $7.00.

GL110 GAIL (Farmington-Moses) Dec. Tall growing lavender opening 7 to 9 florets with gracefully recurved petals. Color deeper at petal edge, spike straight and florets well placed. Doz., $1.00; 25, $1.90; 100, $7.00.

GL111 GOLD. (Marshall) Ex. Exceptionally vigorous and healthy variety with rich yellow coloring. The large florets are attractively ruffled, and open to the tip of the strong, straight stem. Doz., $1.00; 25, $1.90; 100, $7.00.

GL114 GUNSMOKE. Ruffled florets of smooth smoky salmon. Tall, strong spikes hold 6—8 five-inch florets open on long flowerheads. One of the most ruffled smoky varieties. Doz., $2.50; 25, $4.50; 100, $15.00.

GL112 HARRISBURGER (Mikle) Ex. Very beautiful shade of deep cherry red. Wonderful color and a good strong grower. Opens 8-10 florets on a very rugged plant. A top notch variety and a fine propagator. Doz., $1.25; 25, $2.25; 100, $8.00.

GL116 INNOCENCE. Beautifully ruffled light rosy pink. Easily opens eight to nine 5-in. florets out of 20—22 buds on tall, easy-to-cut spikes. Healthy growth. A coming cut flower that makes topnotch exhibition spikes. Doz., $1.25; 25, $2.25; 100, $8.00.

GL115 LOHENGREN. Medium shade of lavender, with prominent white throat. Excellent cut flower. Doz., $4.50; 25, $8.50; 100, $30.00.

GL117 LORELEI. (Howell). Glistening pure cream on tall graceful spikes, ruffled flowers, very strong grower. Doz., $1.25; 25, $2.25; 100, $8.00.

GL118 PARTY RUFFLES. Heavily ruffled deep cream with blush of deep pink. Doz., $2.50; 25, $4.50; 100, $15.00.

GL129 PAGAN. New refined Burma. Doz., $4.50; 25, $8.50; 100, $30.00.

GL120 PLUM PUDDING. Brownish purple. White throat. Doz., $2.50; 25, $4.50; 100, $15.00.

GL122 PROSPECTOR (Leffingwell) Ex. Buff yellow with golden-lipped lower petals. Floreta ruffled and round as a dollar fit neatly on the stately spikes, makes very nice spikes. Doz., $1.25; 25, $2.25; 100, $8.00.

GL126 REGINA (Palmer). Huge ruffled flowers of light orange with apricot shading. Doz., $1.25; 25, $2.25; 100, $8.00.

GL124 RED COAT (Jack). Lightly ruffled bright red. Doz., $2.50; 25, $4.50; 100, $15.00.

GL128 SALMAN'S SENSATION. This purple blue variety with its huge growth of up to 6 feet and 6 or more 6 inch florets open is a sensation. The largest and tallest of all the blues. Doz., $1.50; 25, $2.75; 100, $9.00.

GL131 SNOW VELVET. Beautifully ruffled white. Exhibition type spikes hold 9—11 5¼-in. florets open on 22-24 bud flowerheads. Doz., $2.50; 25, $4.50; 100, $15.00.

GL134 SUMMER QUEEN. Large salmon of a warm shade. Opens 8 ruffled blooms of heavy substance. Makes big spikes on tall straight stems. Very healthy grower and fast propagator. Doz., $1.00; 25, $1.90; 100, $7.00.

GL140 TARGET (Larus). Blush Pink with a red blotch on cream throat. Doz., $2.50; 25, $4.50; 100, $15.00.

GL141 TIFFANY. Tall, very early white. Doz., $2.50; 25, $4.50; 100, $15.00.

GL142 T-500. Heavily Ruffled pure white, tall. Doz., $1.00; 25, $1.90; 100, $7.00.

All bulbs are prepaid at listed prices

6 bulbs take ½ dozen price

100 Large-size Bulbs of 10 Top Ranking Glads

Only $7.00 Prepaid

Ten of each of the following ten Prize Winning varieties (100 first size Bulbs) will be sent postpaid for $7.00.

½ Portion, 50 Bulbs $3.60

LAKE GENEVA COLLECTION

10 COPPER LUSTRE—Smoky Rose
10 GOLD—Yellow
10 INNOCENCE—Soft ruffled Pink
10 PROSPECTOR—Buff
10 GREENLAND—Cream with Green Cast.
10 TRAVELER—Rose Pink
10 T-500—Ruffled White
10 PLUM PUDDING—Brownish Purple
10 HILDEGARDE—New Red
10 GATINEAU—Orange

GL132 TRAVELLER (Flad-Torrie) Ex. Light rose pink with small deeper blotch. Opens 10-12 somewhat ruffled blooms on a tall strong plant with a long flower head. Doz. $1.00; 25, $1.90; 100, $7.00.

GL135 VIKING. Very bright scarlet with bold white lines. Produces ramrod spikes from any size bulbs, very early and makes very nice disease-free bulbs. Doz., $2.50; 25, $4.50; 100, $15.00.

GL133 VIOLET CHARM (Jack) Ex. A soft shadowy violet with a blue throat, magnificent grower and a variety that has climbed to the top in its few short years. Doz., $2.50; 25, $4.50; 100, $15.00.

WHITE FRIENDSHIP. A white sport of Friendship, very early, tall spikes and strong propagator. Doz., $2.50; 25, $4.50; 100, $15.00.

Vaughan's "Standard" Mixture: 50 Bulbs. First Size... $3.00

We do not send out any mixtures that will not make a brilliant showing in the gardens of our customers. This one will be found satisfactory everywhere, for mixed beds, borders and masses. These are first-size bulbs.

Doz., 90c; 25, $1.70; 100, $6.00; 1000, $50.00.

MINIATURE GLADIOLUS

This new race of small but decorative varieties are especially suitable for cut flower arrangements. Excellent for shows.

ARIA—Deep Pink.
ATOM—Scarlet with Gold Picotee edge.
BO-PEEP—Ruffled Salmon Pink.
CLASSY-CHASSIS—Pure Yellow.
MELLOW FELLOW—Red.
OLD SOUTH (Novelty)—Smoky, Brown.
SWANKY—Pure Salmon.
WHITE RIBBON—White.
MINIATURE MIXED—Blend of all varieties.
PRICES—Large blooming size bulbs.

Doz.	$1.50
25	2.75
100	10.00

To Kill Gladiolus Thrips

S260 ACME 5% DDT DUST. Controls Gladiolus Thrips, Rose Chafer, Japanese Beetle, Corn Earworm, and many other chewing sucking insects on a variety of Flowers and ornamentals, etc. 1 lb. postpaid 95c; 4 lbs. postpaid $1.80.

S294 ACME 50% MALATHION SPRAY. Controls Aphids, Thrips, Whiteflies, Mealybugs and Soft brown scale infesting flowers and ornamentals. Use 1½ teaspoons to a gallon of water. 1 oz., postpaid 60c; 4 oz. ea., postpaid $1.40; 1 pint, postpaid $3.20.

Gladiolus For Cutting

- **TOP-SIZE BULBS**
- **YOUR CHOICE OF COLOR**
- **ALL ONE PRICE**

Our Choice of Particular Variety

GL 150 RED
GL 160 PINK
GL 170 ROSE
GL 185 ORANGE
GL 190 YELLOW
GL 195 WHITE
GL 180 LAVENDER

90c Per Dozen $1.70 Per 25 $6.00 Per 100

Popular Green Shades

GL136 GREEN ICE. Lightly ruffled florets of greenish cream. Doz., $2.50; 25, $4.50; 100, $15.00.

GL137 GREENLAND. Cream with green cast. Doz., $1.25; 25, $2.25; 100, $8.00.

GL138 GREEN WOODPECKER. Lime green with wine red throat. Doz., $2.50; 25, $4.50; 100, $15.00.

Number 4 Gladiolus Bulbs

These are clean fresh stock ¾" diameter, will bloom first season. Price, 30 for $1.00.

BUTTERFLY GLADIOLI

Miniature flowers of exceptionally brilliant colors, each marked with a darker color in the center. Flowers are graceful, and most popular in Holland as cut flowers. Assorted varieties and colors, 2 each of 5 varieties separately bagged and labeled, **10 Bulbs for $1.00; 100, $9.00.**

BULBS SHIPPED SEPARATELY FROM SEED

Because of weather conditions we ship bulbs after March 20th, except to customers in the south or California, to whom we ship at once, packed against freezing.

Garden Books

"YOUR LAWN." How to Make It and Keep It. By DR. R. MILTON CARLETON. Vast changes in the field of lawn culture, a phenomenal increase in the knowledge of turf grasses, have now made it possible for you to develop a lawn of beauty and durability, at a saving in precious time and money. Whatever your lawn problem—light or shade, wet or dry, play areas, crabgrass, fertilizing, starting a new lawn or renovating an old one, even ground covers where no lawn is recommended—you will find the answers to your questions here. 174 pages. Price $3.95.

HOW to GROW ROSES by JOHN PAUL EDWARDS. A Sunset Book which introduces the kinds of roses available and tells how to buy good plants. Gives ideas how to use roses in your garden with up-to-date, detailed information on Rose culture. 80 illustrations and photographs, 88 pages. Paper bound, priced at $1.50; $1.70 postpaid.

THE WISE GARDEN ENCYCLOPEDIA. Edited by E. L. D. Seymour, B.S.A. and picked Staff of American Authorities. Everything you need to know about anything you want to grow. Sinple A to Z arrangement throughout places every item at your fingertips instantly. Written for all U. S. Climates, soils, seasons and methods by American experts. 64 pages of full color—1,500 helpful photographs, drawings and diagrams. 1,380 pages, priced at $7.50.

10,000 GARDEN QUESTIONS. Answered by 20 Experts. This book is based on actual questions asked by gardeners and answers are carefully thought-out replies by experts who are today's recognized authorities in their various fields. The exceptionally complete index makes it possible to locate immediately the information desired on any specific problem. 400 line drawings and diagrams—1,390 pages, priced at $5.95.

GREENHOUSE GARDENING AS A HOBBY by James Underwood Crockett. Complete, but uncomplicated information on the various types of greenhouses, their construction and furnishing, methods of temperature control, soil culture and testing, plant propagation techniques, and potting. Illustrated with forty-four photographs in color and black and white. 288 pages, priced at $4.95.

Summer Flowering Bulbs

All bulbs prepaid at listed prices. Six bulbs at half the dozen rate.

BB201 ACHIMENES

This is closely related to the gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting. Mixed colors; doz., $2.00; 100, $15.00.

BB204 ACIDANTHERA BICOLOR MURIELAE

Flowers resembling the gladiolus grow from similar bulbs or corms. The 2-inch florets are white with deep violet blotch, on 2 foot stems. Plant late in full sun 5 inches deep, 4-5 inches apart. Keep bulbs warm and dry. Doz., 75c; 100, $5.00.

ANEMONE (Windflower)

They succeed best in light, rich, well-drained loam.

BB206 ST. BRIGID. Flowers range from the deepest crimson to the purest white, embracing cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. ⅝—¾ inch. Doz., 95c; 100, $6.50; 1,000, $55.00.

Tuberous Begonias

Complete instructions sent with tubers.

DOUBLE CAMELLIA FLOWERED

Red, White, Pink, Salmon, Orange, Yellow

		Doz.	25	100
BB208	1½-2 inch.....	$2.00	$4.00	$15.00
BB209	2 inch.....	3.00	5.50	20.00
BB210	1¼ inch, 6 for $1.00.			

Carnation-Flowered

BB212	1½-2 inch.....	$2.60	$5.00	$18.00
BB213	2 inch and up....	4.00	7.50	27.00

BB215 LLOYDII OR PENDULA. Used in hanging baskets. It is an unsurpassed strain containing double flowers only. Excellent for Rock Garden Work. Doz., $3.00; 25, $5.50; 100, $20.00.

BB216 MULTIFLORA MAXIMA MIXED. In a shady place where they can be well watered these compact plants will bear double flowers of gorgeous coloring. They will blossom until killing frost. These bulbs are small by nature. Doz., $3.00; 25, $5.50; 100, $20.00.

CALLA LILIES

BB218 CALLA ELLIOTTIANA. Flower rich golden yellow; foliage dark green with creamy spots. Makes a good pot plant for indoor culture. Does well outside even in full shade. Besides blooms it will act as a foliage plant all summer. Each, 35c; doz., $3.50; 100, $25.00.

BB220 RICHARDIA MACULATA. Spotted leaf, white flower. Can be planted out of doors after danger of frost is over. Take up in fall before freezing. Each, 35c; doz., $3.50; 100, $25.00.

BB222 REHMANNI SUPERBA. The rare Pink Calla Lily. Rather dwarfer and smaller flowered than the White Calla, but of alluring coloring, palest blush to pure rose. 1½ to 2 inch. Each, 35c; doz., $3.50; per 100, $25.00.

GLOXINIAS

These showy plants are easily grown in pots and transplanted to a garden bed, preferably in a semi-shaded place.

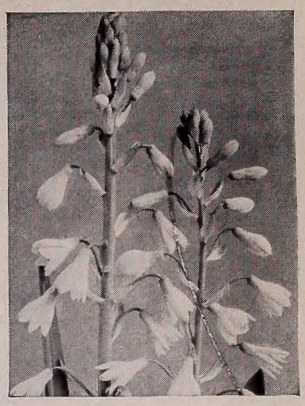
BB224 Red, White, Blue or Mixed. Red or Blue may include some white. 1½ in., 3 for $1.00; doz., $3.50; 25, $7.50; 100, $27.00.

HYACINTHUS CANDICANS

BB226 SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high. Selected size, each, 25c; doz., $2.50, prepaid.

ACHIMENES

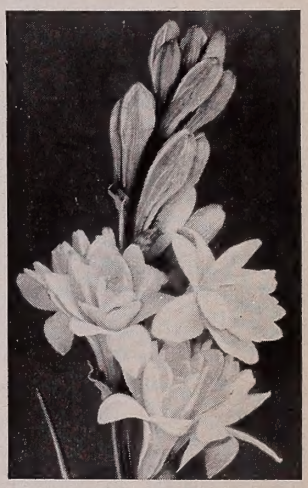
DOUBLE BEGONIA



HYACINTHUS CANDICANS

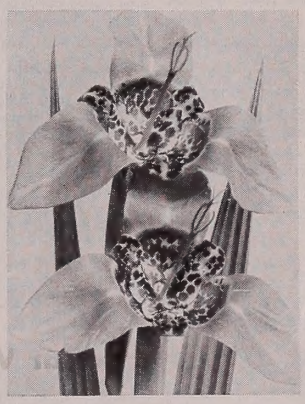
GLOXINIAS

ISMENE CALATHINA



TUBEROSES

MONTBRETIAS



TIGRIDIA

ZEPHYRANTHES

ISMENE CALATHINA

BB228 PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem and are very fragrant. Not hardy. Price, each 50c; doz. $5.00.

MONTBRETIAS

Montbretias are easily grown and their graceful flower-stems add much to any garden. They are highly valued for cut flowers. Our mixture contains yellow, salmon, orange and scarlet.

They do best in a light, loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply. Balanced Assortment.

BB230 Price, doz., $1.50; 100, $10.00, prepaid.

RANUNCULUS (Buttercup)

Set 3 or 4 inches apart, pressing firmly into the soil, claws downward and cover them with sand, then with soil; keep the crown of the tubers four inches under the surface. Water them well.

BB232 VICTORIA HYBRID MIXED. Far superior to any Ranunculus that we know. Flowers are double and large—⅝–¾ inch. Doz., 75c; 100, $5.00.

TIGRIDIA (Shell-Flower of Mexico)

Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb. Can also be used in beds. They bloom from July until frost. Height, 3 ft.

BB236 Mixed colors. Price, doz., $1.75; 100, $12.00, prepaid.

FAIRY LILY Zephyranthes, Zephyr Lily

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

BB238 CANDIDA. Pure white and the most profuse bloomer of all. Doz., 80c; 25 for $1.50; 100, $5.00, prepaid.

BB240 ROSEA. Beautiful clear rose; flowers large and very handsome. Doz., $1.50; 100, $10.00, prepaid.

All Bulbs are prepaid at listed prices. Six bulbs take ½ of Dozen price.

TUBEROSES DOUBLE

EXCELSIOR DWARF PEARL DOUBLE. Easily recognized by its exquisite fragrance and beautiful flower-spikes, which are borne on long stems, making it an admirable cut flower. If started in pots, and at the end of May moved to open ground, can be flowered much earlier.

BB250 First Size—Each, 20c; doz., $2.00; 25 for $3.75; prepaid.

RESURRECTION LILY

Shipped in July

(Lycoris Squamigera) For Outdoor Planting

AMARYLLIS HALLII. Produces in early spring attractive green foliage which grows until May, when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later, as if by magic, the flower stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink shaded with clear blue.

Culture—The bulb is perfectly hardy without any protection. The proper time to plant is in the summer when the bulb is dormant. Cover the crown about four inches.

BB254 Each, 90c; doz., $9.00.

LILY OF THE VALLEY

Lily of the Valley is one of the best ground covers for shady places in the home grounds. It spreads rapidly crowding out weeds, and the fragrant blossoms come early in the spring in great abundance.

BB256 Clumps. Each, 60c; three for $1.50; doz., $5.50.

LILIUM CANDIDUM

Shipment in Aug. and Sept.

Legend is rich in praises and reference to the Madonna Lily. The flowers, are snow-white, with heavy yellow stamens, and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th.

BB258 18-20 CENTIMETERS (7-8 inch circumference). Each 30c; dozen, $3.00; 100, $20.00.

BB260 20-22 CENTIMETERS (8-8½ inch circumference). Each, 35c; dozen, $3.50; 100, $25.00.

BB262 22-24 CENTIMETERS (8½-9½ inch circumference). Each, 50c; dozen, $5.00; 100, $35.00.

BB264 26 CENTIMETERS and over (10-11 inch circumference). Each, 75c; dozen, $7.50; 100, $55.00.

BB266 28 CENTIMETERS and up (11-inch circumference and up). Each, 90c; dozen, $9.00; 100, $70.00.

LILIUM REGALE (Royale Lily)

Loveliest Garden Lilies, 12 Pre-paid $4.00

3 Each of following 4 Varieties

6 Each of following 4 Varieties, 24 bulbs, $7.00

These are the largest and easiest lilies for the amateur to grow in average garden soil, without special treatment. In well drained locations they will live for years, flowering each summer. Planting instructions included.

BL101 LILIUM REGALE. (Royal Lily). Its large, fragrant, trumpet flowers are pure white on the inside of the petals, the outside striped with pink. It flowers early, in clusters of buds which open slowly until all are in full glory. Longest lived of all in ordinary garden soil. Large bulbs, 8-9 in. Each 50c; doz., $5.00; 100, $35.00.

BL102 L. RUBRUM. The white petals of this Japanese lily are curled back, and so flushed deep pink with carmine dots, that only the margins are clear white. It grows to 4 feet and flowers may reach 6 inches in diameter. It is free from disease and lives for years in the coldest regions. Large Bulbs. 8-9 in., Each 35c; doz., $3.50; 100, $25.00.

BL103 LILIUM TENUIFOLIUM. The lovely Coral Lily of Siberia. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. Blooms very early. 3 inch and up. Each, 25c; doz., $2.50; 100, $17.50.

BL104 LILIUM ALBUM. Pure white sister of L. Rubrum. Completely hardy, flowering late summer stems 4 ft. tall, blossoms often 6" across, 8-9 inch. 60c ea.; doz., $6.00; 100, $50.00.

Imported Super-Giant Amaryllis

Bulbs 3-4 inches in diameter, your choice of white, orange, red, scarlet, dark red, salmon or striped. Each $3.00; $35.00 per doz. prepaid.

Famous Holland Strain

Largest of flowers which can be grown indoors, and among the largest that grow in gardens, these Amaryllis can be flowered indoors in pots, or set out in the garden after danger of frost is over.

They are giants of their race, and since they are not grown from seed but from bulblets, their color is known in advance. They exactly reproduce their parent bulbs, which are grown in greenhouses in Holland and are carefully selected for vigor and beauty.

This exclusive strain is famous for outstanding beauty, clear coloring, size of flowers. They may be kept for years, and will produce their beautiful flowers annually.

Flowers are borne in clusters of three, or four which open in succession. Sometimes three clusters are matured from one bulb.

GIANT AMARYLLIS, IMPORTED HOLLAND STRAIN.

Other Garden Lilies

EASTER LILIES SEMI-HARDY

CROFT LILY. Widely used by florists for Easter flowering, this Oregon hybrid bears large pure white trumpets on sturdy stems 12 to 14 inches tall. It is suited for outdoor planting on the Pacific Coast, in southern states and elsewhere if given good winter protection. Blooms July-August.

BB268 Each, 80c; dozen, $8.00; 100, $60.00.

AMARYLLIS

American Grown Mixed Bulbs

These bulbs are grown from seed, and produce flowers having a wide range of colors, including red, pink and white in attractive stripes and patterns. The flowers may exceed 6-inches in diameter, and are borne in clusters, often two or three clusters in succession. The bulbs can be saved and flowered each year.

Mixed. Including many color blends.

		Each	Doz.	100
BB272	2¼-2½ in. Dia.	$0.35	$3.50	$25.00
BB274	2½-2¾ in. Dia.	.50	5.00	35.00
BB276	2¾-3 in. Dia.	.60	6.00	40.00
BB278	3-3¼ in. and up. Dia.	1.00	10.00	75.00

THE COMPLETE BOOK OF LILIES

by F. F. Rockwell, Esther C. Grayson and Jan de Graaf.

This book tells how you can succeed with Lilies, and enjoy their unique beauty in your garden and use them to decorate your home. Instructions are illustrated with photographs and drawings on how to succeed in growing lilies and how to use them most effectively. 352 pages—priced at $5.95.

STRAWBERRIES

EVERBEARING

RED RICH (Plant patent No. 993). The amazing Wonder Strawberry. Bears and bears from early June until frost. Big, juicy, firm fruit loaded with rich Strawberry flavor. Unsurpassed for freezing. 12 for $2.95; 25 for $5.00; 50 for $8.50; 100 for $15.00; 250 for $32.50.

OZARK BEAUTY. NEW—This variety sets a new record for fall fruit production its yield makes it outstanding. Ozark Beauty is a high producer throughout the season, yielding large sweet fruit with little acid flavor, excellent for home freezing. Contrary to the name this extremely vigorous variety produces equally well in cool or hot summer climates. Price: 25 for $2.25; 50 for $3.95; 100 for $6.75; 250 for $15.00; 500 for $25.50.

SUPERFECTION. Easy to grow, yields good crop first year. Crops all summer and fall. One of the most popular of the everbearers. Deep red and extra delicious. Price: 25 for $1.95; 50 for $3.25; 100 for $5.25; 250 for $11.50; 500 for $20.00.

25 SUPERFECTION & 25 POCAHONTAS
IDEAL COLLECTION Collection of 50 Plants Prepaid **$3.30** (Value $3.55)
Ideal for everbearing and freezing

JUNE BEARING

CATSKILL (Midseason). An outstanding U.S.D.A. variety growing in popularity each year. Produces large vigorous plants and berries. A very dark red. Equal to flavor to Premier and an excellent keeper. Price: 25 for $1.60; 50 for $2.50; 100 for $4.00; 250 for $8.25; 500 for $14.00.

DUNLAP (Midseason). An old favorite, popular for many years. Bright red all through, exceedingly juicy. A success in all areas. Price: 25 for $1.40; 50 for $2.25; 100 for $3.50; 250 for $7.00; 500 for $12.00.

EARLIDAWN (Earliest). A recent U.S.D.A. variety that is nearly frostproof, has exceedingly good flavor with high color. A very good berry producer, with berries maintaining size thru season. Excellent for the gardeners anxious to harvest an early crop. Grown from U.S.D.A. virus-free stock. Price: 25 for $1.75; 50 for $2.75; 100 for $4.50; 250 for $9.00; 500 for $16.00.

PAYMASTER (Midseason). Sparkling red. A real beauty of a berry. Because Paymaster is red clear through, rates high in freezing tests and at the same time boasts a firmness that makes it ideal for handling. Price: 25 for $1.75; 50 for $2.75; 100 for $4.50; 250 for $9.00; 500 for $16.00.

POCAHONTAS (Early Midseason). Best of U.S.D.A. recent introductions. Has a large, deep vivid red berry which is extremely sweet flavored. This variety is excellent for freezing and very vigorous. Price: 25 for $1.60; 50 for $2.50; 100 for $4.00; 250 for $8.25; 500 for $14.00.

PLENTIFUL (Late). An excellent late bearing variety, will extend the picking season an extra week. A heavy producer under adverse conditions. A very large bright red berry, very sweet. Highly recommended by Kansas State College for rigorous midwest conditions. Prices: 25 for $1.75; 50 for $2.75; 100 for $4.50; 250 for $9.00; 500 for $16.00.

PREMIER (Early). One of the best early June berries. Top producer, medium to large fruit of good quality. Price: 25 for $1.60; 50 for $2.50; 100 for $4.00; 250 for $8.25; 500 for $14.00.

WISCONSIN 214 (Early Midseason). Just the ticket for northern states. Very large, medium red, sweet berries. Highly recommended for freezing. Price: 25 for $1.75; 50 for $2.75; 100 for $4.50; 250 for $9.00; 500 for $16.00.

Strong Field Grown Plants, Shipped from Early Spring up to May 15.—Fall Shipments September 10th to October 10th.

ALL PRICES ARE PREPAID

NETTING
Net is suspended over frame. Protects pyramid from birds, and holds in winter mulches.

SUPPORT FRAME
Made of green plastic covered steel wire, forms a perfect hemisphere over pyramid for netting and plastic cover.

PLASTIC COVER
Plastic cover can be used for frost protection of plants and also for a hotbed for growing flowers and vegetables to be transplanted.

PYRAMID®

The new redesigned pyramid is 6 foot in diameter with three planting terraces and made of 5" corrugated aluminum bands. The pyramid now includes, at no price increase, the complete sprinkler, tubing and hose connection. Complete instructions for assembling and planting enclosed. Requires 50 plants.

PYRAMID (Includes complete sprinkler, tubing, hose connection)	**$9.95**
ACCESSORIES FOR PYRAMID	
SUPPORT FRAME for Covers	3.95
COVER (Plastic)	6.95
NETTING	6.95

NO Vegetables taste as good as those You Grow Yourself

Lettuce of Bibb Quality

L-9 MATCHLESS LETTUCE. If you have room for only one lettuce, choose Matchless. If room for two, grow spring and fall crops of Bibb (Pg. 21). Professional salad experts agree Matchless equals Bibb on every count. Can be grown by any gardener, the first time. Plant Matchless in succession and you'll have matchless tasting, tender lettuce from early spring until winter.

Matchless matures quickly and a succession of sowings will keep you supplied through spring, summer and fall. It grows into a loose cluster of slender leaves shaped like a deer's tongue, thick and crisp, with a heavy midrib. We have never seen its equal. Don't fail to try it. Pkt., 25c; ½ oz., 55c; oz., $1.00.

Still Best and Biggest

T-19 TOMATO GIANT TREE. (Italian Potato Leaved.) 90 days. We first offered this variety in 1946 and it has been our best selling tomato variety ever since.

Giant Tree is sometimes called a "climbing tomato" because if it is not pruned the growth will spread over a large area.

Hundreds of testimonials have been received. George C. Cooper of St. Paul, Minn., wrote: "They are the best variety ever raised in my 40 years of gardening."

From Cincinnati: "Plants 13½ ft., prize fruit 2¾ lbs." Maysville, Ky.: "Best tomatoes ever seen around here." Seattle, Wash.: "Tomatoes weighed 2¾ to 3 lbs."

Why not discover this tomato for yourself? Pkt. 50c.

Quality Peas in July and August Heat

P-17 WANDO PEA. 64 days. The only variety that grows extremely well during extra warm seasons. However, this hardy strain thrives under any weather condition. Produces dark green peas with excellent flavor. Tops for canning or freezing. Plant early for biggest yield. Plant them late in June for a harvest in Sept. In a 10x30 garden plant early and after harvest of the peas work the ground again by planting beans. Pkt, 25c; ½ lb., 60c; lb., 85c.

Ripe 1 Pound Tomatoes in 68 Days

T-21 EARLY GIANT HYBRID. 68 days. Giant fruit size and earliness combines qualities that can only be had in hybrid techniques. Then add productivity until frost, you have an almost perfect variety.

If you can plant one variety only, choose this one. Insure vine ripened, extra large, smooth, bright red fruits for weeks longer than any other. Pkt. 35 seeds, 50c; 1/64 oz., $1.50.

Top Crop a well named Bean

B-13 TOPCROP STRINGLESS GREEN POD BUSH BEAN. 50 days. Of the hundreds of bean varieties tested annually, Topcrop usually tops them all. Yields heavy, resistant to disease, matures faster, and gives outstanding taste with good color and texture. Freezes and cans perfectly too. Plant seeds 4 inches apart in rows 20 to 30 inches apart. Pkt., 25c; ½ lb., 60c; 1 lb., $1.00.

Tender Crisp Radishes

R-12 GIANT BUTTER RADISH. 28 days. A juicy crisp, mild flavored radish seldom found in the market. It grows to 2" diameter without becoming pithy or hollow and can be planted as early as ground can be worked. They'll be ready for your table in less than a month and are slow to turn pithy in the row, giving a longer harvest. Plant about ½ inch apart and ½ inch deep. In a 10x30 garden plant your radishes and carrots together in the same row. Pkt., 25c; 1 oz., 50c; ¼ lb., $1.50.

SAVE 75¢

BY ORDERING THIS EXCELLENT SELECTION AS A UNIT. YOU'LL GROW $50-$100 WORTH OF VEGETABLES FROM ONLY $3.35 WORTH OF SEED.

These are the finest, proven varieties—are easy to grow, yield abundantly and taste so much better.

V-1 COLLECTION FOR $3.35

(Regular Value $4.10)

1 Pkt. Matchless Lettuce	25¢
1 Pkt. Wando Peas	25¢
1 Pkt. Early Giant Hybrid Tomato	50¢
1 Pkt. Topcrop Beans	25¢
1 Pkt. Giant Butter Radish	25¢
1 Pkt. Giant Tree Tomato	50¢
1 Pkt. Ruby Queen Beet	25¢
1 Pkt. Golden Acre Resistant Cabbage	20¢
1 Pkt. Sweetheart Carrot	15¢
1 Pkt. Golden Cross Bantam Corn	25¢
2 Bunches Hybrid Sweet Spanish Onion	$1.25*
	$4.10
As a Collection You Pay Only	**$3.35**

**Mailed separately from seed about April 1st.*

Hybrid Sweet as Golden Bantam

C-108 GOLDEN CROSS BANTAM SWEET CORN. 79 days. Experts agree that this hybrid variety has the tenderness and flavor of Golden Bantam, one of its parents. It was the first hybrid sweet corn, unsurpassed in 30 years of testing. Best garden variety. Unexcelled flavor due to high sugar content. Matures uniformly, plant in succession. Gives you delicious corn all season. Ready to eat almost exactly 79 days after planting the seed. Pkt., 25c; ½ lb., 70c; 1 lb., $1.20.

A Jewel of a Beet

B-83 RUBY QUEEN BEET. 55 days. Nothing quite like this variety for your table. Rich, dark, red roots show no signs of zones when sliced. Your greatest enjoyment is after they are cooked. Then the superior flavor, texture and color really are known. The tops cooked like spinach are delicious. Plant seeds early, about ½ inch apart, not over ½ inch deep. Thin to one plant every 2 inches. Pkt., 25c; ½ oz., 40c; 1 oz., 75c.

Exhibition Onions from Plants

OP-1 SWEET SPANISH HYBRID (for exhibition onions). For the gardener who wants something to brag about, we can say "These are a must." Everyone is thrilled to enjoy onions that grow to seven or eight inches in diameter with a bulb almost 6 inches tall. And the taste—so sweet and juicy! Plant as soon as ground can be worked about 2 inches apart; in one month take out every other plant for green onions. Let the rest grow to giant size. Minimum Order 2 Bunches, $1.25; 10 Bunches, $5.00.

Tender Tasty Carrot

C-49 SWEETHEART CARROT. 70 days. Well named because of the tender, sweet heart or core, so rare for carrots. Healthy red-orange coloring extends uniformly from top to tip. Tops in flavor, too, and easy to grow. Don't plant too thickly—one seed every ¼ inch is plenty, then thin to one plant every 1½ inches. In a 10x30 garden plant with radishes. The radishes will be gone about the time the carrots are coming up. Pkt., 15c; ¼ oz., 30c; ½ oz., 50c.

Outstandingly Delicious

C-12 GOLDEN ACRE RESISTANT CABBAGE. All the fine qualities of the well known Golden Acre variety—plus almost complete resistance to cabbage yellows. Heads are firm, compact, 6 inch diameter, round and weighing about 3 pounds when mature. Plant directly into the garden about 3 seeds per inch. Thin to one plant every 18 inches when small. Pkt., 20c; ½ oz., 60c; oz., $1.15.

You can grow largest

DAHLIAS

FOR EIGHT VARIETIES OF CHAMPION RAINBOW COLORS $3.95

One Each of the Following Varieties (VALUE $7.00) for $3.95

Varieties in this collection were selected to give you a group of plants well balanced as to size and color, which can be depended upon to do well in the average garden with average care.

Many new varieties are introduced each year, but few are able to win a permanent place at the top. All in this offer have demonstrated merit in the garden and on exhibition tables. Their flowers are of good size and color, and in addition they have the qualities of vigorous growth and abundant yield.

Whether you want landscape effect, cut flowers or exhibition blooms, they will fulfill your wishes. If your goal is large size rather than abundance of bloom the instructions we send with them, for culture and disbudding, should be followed carefully.

Dahlias are rewarding flowers, for garden beauty and indoor decoration, as well as in the flower shows. A purchase of tubers can be an investment which pays dividends for years.

After each variety name is a letter which indicates its type, meaning: (C) Cactus; (F.D.) Formal Decorative; (I.D.) Informal Decorative; (D) Decorative.

Eight Varieties of Champions

DH8 BARBAROSSO. (F.D.) Outstanding cardinal red with crimson glow. Tall bushes consistently good. $1.00 each, 3 for $2.50

DH11 COMMANDO. (F.D.) Large deep lavender flowers in abundance on tall bushes. 75c each, 3 for $1.75.

DH16 D. DAY. (F.D.) Solid color true pink, medium size flower in great abundance. 8" 75c each, 3 for $1.75.

DH78 WHITE WONDER. (I.D.) A beauty for garden display, with large flowers of pure white and perfect form, on strong stems. 75c each, 3 for $1.75.

DH17 DEUIL DU ROI ALBERT. (F.D.) The florist's favorite bicolor. Flowers are violet purple with white tips. Free flowering and very striking. 8" $1.00 each, 3 for $2.50.

DH20 OGDEN REID. (I.D.) Tremendous rose pink flowers borne in profusion. Considered by many the finest large pink dahlia. $1.00 each, 3 for $2.50.

DH26 GERTRUDE BRITTEN. (F.D.) Excellent garden variety. Large flowers of bright red. $1.00 each, 3 for $2.50.

DH47 GOLDEN ELLIPSE. (F.D.) An old favorite but still hard to beat in this color. 75c each, 3 for $1.75.

CANNAS FOR SUMMER BEAUTY

Cannas, once the most popular midsummer flower, are well on their way back to favor, thanks to new varieties and colors listed below. No flower surpasses it for continuous bloom through the hottest summer season, with a minimum of care. They provide vivid color for border, and group plantings, as well as striking beds for accent points.

A Vigorous Plant That Bears Large Flowers of Bright Red.

CANNA THE PRESIDENT

Grand Opera Series

This new strain surpasses older types with larger flowers and unusual colors, many with charming pastel colors in two-tone blends.

CN100 LA TRAVIATA. Beautiful rose.

CN110 AIDA. Large trusses of old rose overlaid with salmon, deep green leaves.

CN111 LA BOHEME. Exceptionally large blooms of rosy peach with tints of pearl.

CN112 MIGNON. Giant flowers of old rose with upper petals of peach and rose.

CN113 MME. BUTTERFLY. One of the finest, yellow washed with pink.

CN114 RIGOLETTO. Pure canary yellow with emerald green foliage.

PRICES OF GRAND OPERA CANNAS
3 for $1.00; doz., $3.50; 100, $30.00.

Choice Cannas

CN101 HUNGARIA. 3½ ft. Best pink Canna. Leaves bluish green, never burn. Flowers large, with big petals.

CN102 KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves. This remarkable "Gold Medal" Canna has long been the favorite red.

CN103 THE PRESIDENT. 4 ft. A rich glowing scarlet on strong stalks; green foliage.

CN104 YELLOW KING HUMBERT. 4 ft. Foliage a dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

PRICES OF CHOICE CANNAS
3 for 75c; $2.00 per doz., $14.00 per 100.

Glamorous Gloxinias

These showy flowers of brilliant coloring are easily started in pots and grown on porch or patio, or transplanted to the garden border, preferably in a semi-shaded spot. Give them plenty of water, but keep it off the foliage. Fertilize well as they approach the flowering season. The tubers may be taken up after the flowering season and stored until the next spring, then started again. They grow well in the house, if they can be given a humid atmosphere, as they are native in rain forests.

SINGLE GLOXINIA

Illustrated above.

State color: Red, White, Blue or Mixed Colors. 3 for $1.00 or Doz. $3.00.

FORMAL DECORATIVE

SEMI-CACTUS

STRAIGHT CACTUS

New and Standard—Large Flowering Dahlias

IN THE following we offer what we consider the best of the Foreign and American Dahlias. We will supply **Roots** of proper planting size on all varieties listed.

KEY TO ABBREVIATIONS: F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; I.C., Incurved Cactus.

DH1 ARTHUR GODFREY. F.D. 12". Enormous flower of orient red with buff shadings. One of the largest of all dahlias. Each $1.00; 3 for $2.50.

DH2 AVALON. F.D. 10". Beautiful clear yellow. Old favorite for commercial use. Favors cold weather. Each 50c; 3 for $1.25.

DH8 BARBAROSSA. F.D. Outstanding cardinal red with crimson glow. Ea., $1.00; 3 for $2.50.

DH6 BERGER'S MASTERPIECE. C. 8". The outstanding favorite in our cactus plantings. Color is soft lavender-pink with a yellow base. Narrow incurved florets borne profusely on tall, wiry stems. Each $1.00; 3 for $2.50.

DH7 BLIJHEID. C 8". Pure bright orange, perfect forms. Each $1.00; 3 for $2.50.

DH10 CLARA CLEMENS. Ball. Very striking bicolor. Medium size red flowers with white tips. Excellent commercial. Each 50c; 3 for $1.25.

DH11 COMMANDO. F.D. 10". An excellent deep lavender garden variety. Produces many flowers on tall healthy bushes. Each 75c; 3 for $1.75.

DH16 D. DAY. F.D. 8". Solid colored true pink commercial. Medium size flowers of great abundance. Each 75c; 3 for $1.75.

DH17 DEUIL DU ROI ALBERT. F.D. 8". The favorite florist bi-color. Flowers are violet purple with white tips. Free flowering and very striking. Each $1.00; 3 for $2.50.

DH22 FIVE STAR GENERAL. F.D. 10". Very large, light amaranth pink with tips of soft maize yellow. Sturdy bush with real stiff stems. Each 75c; 3 for $1.75.

DH26 GERTRUDE BRITTEN. F.D. Excellent Garden variety bearing large flowers of bright red. Each $1.00; 3 for $2.50.

DH28 GOLDEN ECLIPSE. F.D. An old favorite and still hard to beat in this color. Each 75c; 3 for $1.75.

DH30 JANE COWL. I.D. 10". Large shaggy flower of copper and gold. While not a commercial cut flower, this old favorite is still one of the most popular for garden use. Each 75c; 3 for $1.75.

DH31 JEAN KERR. F.D. 8". The most popular white commercial cut flower. The exceptional keeping quality of the medium size flowers make them ideally suited for floral work. Each 50c; 3 for $1.25.

DH32 JERSEY'S BEAUTY. F.D. 8". Clear pink. Truly beautiful. Each 75c; 3 for $1.75.

THE NEW GREENHOUSE GARDEN FOR EVERYONE by Ernest Chabot. It's amazingly easy to garden under glass when you are guided, step-by-step, by this expert's clear advice. He tells and shows you all about Location, Construction, Heating, Ventilating, Automatic Watering, Pest Control, etc. Tells how to start vegetables and seedlings ahead of the season; grow orchids, roses, snapdragons, mums and hundreds of other plants. More than 60 illustrations, 252 pages, priced at $4.75.

Three Giant Dahlias . . . $1

When labels become detached from our named varieties, the Roots cannot be used to fill regular orders. We offer such Roots at this special price, insuring the purchaser of an outstanding value. Identification is usually easy when the flowers bloom.

DH40 MADONNA. I.D. 10". Enormous and beautiful pure white. Each $1.00; 3 for $2.50.

DH42 MICHIGAN WHITE. S.C. 8". Extra fine commercial variety. Many perfectly shaped white flowers borne on long, strong stems. Each $1.00; 3 for $2.50.

DH44 MRS. GEO. LE BOUTILLIER. F.D. 8". Rich velvety carmine, produces giant flowers on long stems. Good garden variety. Each 50c; 3 for $1.25.

DH45 MRS. JAMES ALBIN. F.D. Soft lemon yellow, strong bush producing excellent cut flowers. Each 75c; 3 for $1.75.

8 CHAMPION VARIETIES RAINBOW COLORS

DH8 BARBAROSSA (Cardinal Red).
DH11 COMMANDO. (Lavender).
DH16 D DAY. Pink.
DH17 DEUIL DU ROI ALBERT. Bicolor.
DH26 GERTRUDE BRITTEN. Red.
DH28 OGDEN REID (Rose Pink).
DH47 GOLDEN ECLIPSE.
DH78 WHITE WONDER. (White).

One each of above 8 for $3.95 ($7.00 value)

DH46 MRS. I. DE VER WARNER. F.D. 10". Bright lilac rose. A must in every garden collection. Each 50c; 3 for $1.25.

DH47 OGDEN REID. F.D. 10". The finest, largest, pink blooming dahlia. Most dependable. Always a fine plant with huge pink blend blossoms. 10". Each $1.00; 3 for $2-50.

DH50 RED JERSEY. F.D. 8". Bright red. Good form, color and stem. Late. Each 50c; 3 for $1.25.

DH51 RED and WHITE. F.D. 8". A consistently good bicolor. Red base with white tips. Each 75c; 3 for $1.75.

DH55 SCARLET LEADER. C. Perfect flowers of cactus type hold their bright scarlet color in brightest sunshine. Each $1.00; 3 for $2.50.

DH58 RUBY TAYLOR. F.D. Ruby Red with purple shadings. Each $1.00; 3 for $2.50.

DH66 SILVRETTA. C. 8". Lilac salmon-rose flowers medium size but borne in great abundance. Each $1.00; 3 for $2.50.

DH72 THE COMMODORE. I.D. 8". Color is bright lemon yellow. Flowers held high above foliage on long, stiff stems. Very profuse. Each 50c; 3 for $1.25.

DH75 WATCHUNG GIANT. I.D. 12". A huge yellow gold variety that is a constant performer for garden use. Fine form and substance on good stems. Each 50c; 3 for $1.25.

DH76 WHITE KING. F.D. 8". One of the leading pure whites with perfect form and substance on good stems. Each 50c; 3 for $1.25.

DH77 WHITE SUPERIOR. C. 8". Large pure white cactus with perfect form and excellent growth habits. Each $1.00; 3 for $2.50.

DH78 WHITE WONDER. I.D. A beauty for garden display with large flowers of pure white and perfect from one strong stem. Each 75c; 3 for $1.75.

DH79 WORLD'S EVENT. I.D. 10". Large tyrian rose flowers on vigorous healthy bushes. Beautiful garden dahlia. Each 75c; 3 for $1.75.

MINIATURE DAHLIAS

DH121 BISHOP OF LLANDORF. Attractive bright scarlet flower with bronze foliage.

DH122 BLUE EYE. Formal lavender-pink with dark center.

DH124 CORALETTE. Clear coral. Excellent cut flower.

DH128 IKE. Rich red, very profuse. Fine cut flower.

DH132 PEGGY LINDLEY. Clear golden orange on long graceful stem. Excellent keeper.

DH138 SANDRA. Red and white formal bicolor.

DH141 WHITE FAWN. Without doubt the finest decorative white variety. Extremely free flowering.

Price on the above 7 varieties—Each 60c; 3 for $1.50.

OFFER D-2. 1 each of above 7 varieties for $3.50.

POMPON DAHLIAS

DH101 ALBINO. Small flowers of pure white. Free flowering.

DH102 AMBER QUEEN. Solid amber color. Beautiful shade. Flowers larger than average.

DH103 CARDINAL. Tall growing with medium size deep red flowers.

DH104 LITTLE HERMAN. A red and white pompon. Perfect form and shape.

DH106 MARY MUNNS. Fine lavender variety that is considered the very best among florists. Good producer.

DH107 MORNING MIST. A fine florist's variety. Color is rosy-lavender over-lay on white base.

DH110 YELLOW GEM. Creamy yellow and considered best in this color.

Price on the above 7 varieties—Each 50c; 3 for $1.25.

Offer D-1. 1 each of above 7 varieties for $2.75.

Vaughan's Vegetable Seeds

★
SYMBOL OF QUALITY
To guide home gardeners in selection of varieties to grow we mark with the symbol shown above those varieties which we consider to be superior under most conditions to other varieties of similar description and purpose. Outstanding varieties are enclosed in a box, like this.

GUARANTY

If you have conscientiously followed our directions for culture and are not completely satisfied with quality of any vegetables you have produced from Vaughan's seed, we will promptly refund your money or, if you prefer, replace the seed. Simply return the package or a copy of your order. Because of many factors beyond our control such as soil, conditions of climate etc., Vaughan's cannot be responsible for your crops or losses incurred in their production.

Artichoke

One packet will produce 25 plants ½ ounce 75-100 plants.

Usually grown in frost free areas as a perennial. Can be grown elsewhere as an annual if started. Sow the seed in a flat about ⅛ inch deep and transplant to a 4-inch Plant-A-Pot as soon as true leaves have developed. Allow the plant to grow inside until all danger of frost is past, then transplant in the garden about 2 feet apart in rows 3 feet apart. Flowerheads will develop in early September.

A-1 GREEN GLOBE. 110 Days. The edible portion is the base of the flower petals which is borne on a spike. Plants are large and vigorous. Pkt., 25c; ½ oz., 85c; oz., $1.50.

A-4 ASPARAGUS. Mary Washington. Pkt. 15c.

Asparagus

Seed

A packet of seed will produce about 50 plants. An ounce 300 plants. Seed is planted about an inch apart in rows 24 inches apart and allowed to grow for 1 or 2 years. Then the roots are dug and transplanted to their permanent location.

A-4 MARY WASHINGTON. Most recommended and a rust-proof strain selected for uniformity of production and heavy yields. The texture and flavor is excellent.
Pkt., 15c; ½ oz., 40c; oz., 65c

A-5 PARADISE. Heavy yielding, producing crop in two years. Each plant produces large thick stalks that remain spear-like to a height of 14 inches. Spears dark green with purplish tinge.
Pkt., 25c; ½ oz., 50c; oz., 90c

Roots

Roots are planted two feet apart in rows four feet apart. Spears can be harvested the second year after planting.

	Doz.	100
MARY WASHINGTON	$1.00	$4.75

Your Family Deserves the Flavor and Nutrition of Garden-Fresh Beans

We are pleased to offer these productive high quality varieties of beans. Quality in beans is measured by stringlessness, by tenderness, or the absence of fiber or "linen" in the pod and by flavor.

Stringless Green Pod Bush Beans

A packet of seed will plant 25 foot of row, ½ pound 100 foot of row.

One week before frost proof date, sow bush beans two inches deep, 2-4 inches apart. Harvest pods before seeds form. For fresh beans all summer plant every 2 or 3 weeks until the 1st of August in the Chicago area. To control Mexican bean beetles, thoroughly dust or spray with Vaughan's Tomato & Vegetable Dust & Spray.

B-25 TENDERCROP. 52 Days. In our trials it ★ has proven to be one of the best flavored varieties we've ever grown. The pods are round, smooth, dark green, brittle, fleshy and stringless. All this adds up to top quality and in addition it is productive. Pkt., 30c; ½ lb., 65c; lb., $1.10.

B-1 WADE. 55 Days. Supreme quality combined with ★ heavy yield won a top award for this variety, which experts consider one of the finest all-purpose greenpod bush bean yet developed. Pkt., 25c; ½ lb., 70c; lb., $1.20.

B-23 CONTENDER. 49 Days. Probably one of the ★ finest early home garden bush bean because it will produce a good crop on almost any type soil and in almost any climate. Resistant to common bean mosaic and greasy pod. Pkt., 25c; ½ lb., 60c; lb., 95c.

B-13 TOPCROP. 50 Days. This variety is unsur- ★ passed for a combination of quality, yield and disease resistance. Compared with Wade it is not as dark a color, and the pods mature faster. It outyields Wade under most conditions. This is our choice as the best of all green pod bush varieties.
Pkt., 25c; ½ lb., 60c; lb., $1.00.

B-18 GARDENGREEN. 55 Days. All America 1959. ★ This new All America winner has proven very productive in a wide area of distribution. Vines have a concentrated set of pods which are 5-5½ inches long round and very tasty. Pkt., 30c; ½ lb., 65c; lb., $1.10.

B-39 STRINGLESS GREEN POD. (Landreth Stringless). 50 Days. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-40 TENDERGREEN. 52 Days. Still a very popular ★ variety. One of the first round padded fiberless strains developed. Vines vigorous, pods long, round, and dark green. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-5 BOUNTIFUL. 49 Days. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-38 STREAMLINER. 55 Days. The plants bear 7 in. long, ½ to 9/16 in. wide, fleshy pods. The quality is excellent; stringless, nearly fiberless, very flat, straight. Seed clear white, kidney shape, excellent also as dry bean and outstanding for baking. Pkt., 25c; ½ lb., 60c; lb., $1.00.

B-30 PEARLGREEN. 53 Days. All America 1958. ★ Resembles Tendergreen in all respects except the seeds are white. Pearlgreen is more disease resistant and slightly more vigorous than Tendergreen. Pkt., 30c; ½ lb., 65c; lb., $1.10.

Wax-Pod Bush Beans

Planting instructions and requirements are the same as for green pod bush varieties.

B-10 CHEROKEE. 53 Days. Originated by the South ★ Carolina Experiment Station, this won an All America award for 1948. The plants are vigorous, prolific, uniform, with long, straight, and meaty golden yellow oval pods of good quality. Pkt., 20c; ½ lb., 50c; lb. 85c.

B-10 WAX-POD BEAN CHEROKEE. Pkt. 20c.

B-4 CHOCTAW. 53 Days. All America Bronze medal 1958. Choctaw was introduced by the Mississippi Experiment Station as the heaviest yielding wax bean ever observed in their trials. Pods are 6 inches long, oval, stringless, bright clear yellow.
Pkt., 25c; ½ lb., 65c; lb., $1.10.

B-26 KINGHORN WAX. 55 Days. Pods are round, smooth, slightly curved. Vines are vigorous and production is more dependable than on other round podded wax varieties. Pkt., 30c; ½ lb., 65c; lb., $1.10.

B-29 PENCIL POD WAX. 55 Days. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-17 GOLDEN BOUNTIFUL WAX. 53 Days. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-41 TOP NOTCH GOLDEN WAX. 52 Days. Pkt., 20c; ½ lb., 60c; lb., $1.00.

POLE BEANS

A packet plants 15 hills; 1 lb., 100 hills.

POLE varieties are less hardy than the bush varieties, and must not be planted until the weather is settled and the ground warm. Set the poles about two to three feet apart, and in each hill plant six to eight beans, thinning to the four strongest.

KENTUCKY WONDER Pkt., 20c

B-11 BLUE COCO POLE BEAN. 65 Days. World ★ famous quality bean. A blue podded pole bean that turns green when cooked. An excellent grower that bears all season. Considered to be the best flavored of all green or wax pod beans. Pkt., 30c; ½ lb., 80c; lb., $1.35.

B-21 KENTUCKY WONDER OR OLD HOMESTEAD. ★ 65 Days. The leading pole bean. The pods are fleshy and 7 to 10 inches long and stringless when young. Kept picked they will bear all season. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-22 KENTUCKY WONDER WAX. 65 Days. Unsurpassed wax-podded pole variety. A very heavy producer of attractive, high quality pods. Also good for green shell beans. Pkt., 25c; ½ lb., 60c; lb., $1.00.

B-44 WHITE SEEDED KENTUCKY WONDER. 63 Days. Popular because adapted to freezing and stringless. Pkt., 25c; ½ lb., 60c; lb., $1.00.

B-36 SCARLET RUNNER. 65 Days. Outstanding bean for its ornamental purposes but may also be used for green shell beans. Has large beautiful scarlet blossoms. Pkt., 25c; ½ lb., 80c; lb., $1.35.

B-48 YARD LONG OR ASPARAGUS BEAN. 70 Days. Bears a long, round pod of 18 to 28 inches long, ¼ inch in diameter, light green, nearly round, fleshy, good quality when young. Pkt., 30c; ½ lb., 90c; lb., $1.75.

FIELD and SHELL BEANS

Plant and grow the same as bush beans.

B-9 DWARF HORTICULTURAL (Speckled Cranberry). 60 days for green shell and 90 days for ripe shell. Seeds full oval, pinkish buff. Pkt., 25c; ½ lb., 70c; lb., $1.20.

B-12 ENGLISH BROAD WINDSOR. 80-90 Days. Stalks tall slender, pods green hairy, 5 to 6 in. long, containing 4 to 6 beans. Green shell beans, large flat, light green. Dry seed large, circular, flat, reddish brown with black eye. Will stand freezing and should be planted early in the north. Pkt., 25c; ½ lb., 65c; lb., $1.10.

B-32 RED KIDNEY. 95 Days. Plant is large, vigorous. Seed dark, reddish brown. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-28 MICHIGAN NAVY, MICHELITE. 95 Days. White Navy or Boston Pea-Bean (Michigan Navy). Resistant to mosaic and bacterial blight. It is the most widely known and grown of the commercial beans. Pkt., 20c; ½ lb., 60c; lb., 80c.

S-437 NITRAGIN

Inoculate Your Beans and Peas

The roots of legumes, which include peas and beans, are the hosts of bacteria which secrete nitrogen from the air. This is concentrated in nodules on the roots. The nitrogen becomes available to the soil, and stimulates the growth of the plant. This process is speeded up by applying a bacterial culture to the seed before planting. Nitragin is the original legume inoculation culture. S-437 Garden Size for peas, sweet peas, garden and lima beans. Pkt. 25c, postpaid 30c. Each packet treats 5 lbs. of seed.

Bush Lima Beans

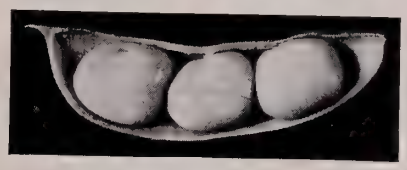
Packet will seed 25 ft. of row, ½ lb. 100 foot.

One week after frost proof date sow seeds two inches deep, and thin plants of small seeded varieties to stand 6 inches apart, all large seeded bush to stand one foot apart. Plants kept picked clean will bear until frost.

B-31 TRIUMPH. 72 Days. All America winner, 1949. A type that is in between Fordhook and Baby Fordhook in size. Of fine quality, especially suited to freezing and canning. Pkt., 25c; ½ lb., 65c; lb., $1.10.

B-15 FORDHOOK No. 242. 73 Days. We recom- ★ mend this variety in preference to Fordhook Bush, which it resembles in size and quality, but which it will outyield under adverse conditions. Pkt., 20c; ½ lb., 60c; lb., $1.00.

B-14 FORDHOOK BUSH. 75 Days. Highly adapted to freezing. Pkt., 20c; ½ lb., 60c; lb., $1.00.

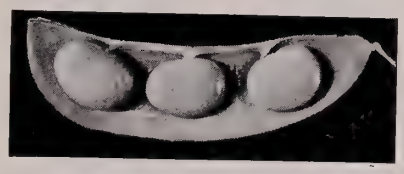


BABY FORDHOOK. Pkt., 20c

B-2 BABY FORDHOOK. 70 Days. Small plant with vigorous branch and leaf growth. Foliage darker than Fordhook and more productive. Excellent small thick beans for canning and freezing. Cross of Fordhook and Henderson. Pkt., 25c; ½ lb., 65c; lb., $1.10.

B-6 BURPEE'S IMPROVED BUSH. 75 Days. Plant large and spreading and quite productive. Pods broad, flat, usually with 4 large greenish seeds. Pkt., 20c; ½ lb., 60c; lb., $1.00.

B-7 CANGREEN. 65 Days. A green seeded Henderson type of lima well adapted for freezing. Pkt., 20c; ½ lb., 60c; lb., 85c.



HENDERSON BABY LIMA Pkt., 20c

B-42 HENDERSON BABY LIMA. 65 Days. Popular as an early home garden variety. Pods short, flat, containing 3 to 4 small oval beans. Green shell beans of excellent quality. Plant medium size and heavily productive. Pkt., 20c; ½ lb., 60c; lb., 85c.

B-8 JACKSON WONDER. 65 Days. About the same as Henderson except seeds are mottled with red. Considered more productive. Pkt., 20c; ½ lb., 60c; lb., 85c.

POLE LIMA

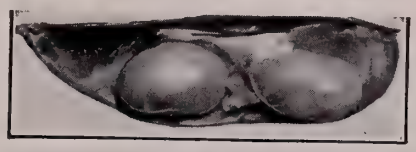
Planting instructions the same as for pole beans.

B-24 KING OF THE GARDEN. 88 Days. Outstanding pole lima for heavy production and climbing ability. Numerous large pods filled with 5 to 6 large beans of excellent quality. Pkt., 20c; ½ lb., 60c; lb., $1.00.

B-20 XMAS LIMA. 80 Days. Considered more productive than King of the Garden. Seeds mottled with red. Pkt., 25c; ½ lb., 65c; lb., $1.10.

Edible Soy Beans

Plant the same as greenpod bush beans.



Soy Beans have proteins, 36.5%; 17.5%; compared with Navy Beans' proteins, 22.7%; fasts, 1.5%. They are esteemed highly as a food for diabetics.

B-3 BANSEI. 90 Days. Most recommended for northern districts. Pods turn from a pale green to a pale greenish yellow.

Pkt., 25c; ½ lb., 60c; 1 lb., $1.00.

Improved germination and vigor of growth in beans is induced by inoculating the seeds with Nitragin. Garden size 25c, sufficient to treat 5 lbs. of peas, beans, lima beans and sweet peas. Easy to apply.

Italian Green Sprouting Broccoli

Packet will plant 25 foot of row ½ oz. 150 feet.

FOR early spring crop, grow the same as early cabbage. For fall crop follow directions for fall cabbage. Control cabbage worms with Vaughan's Tomato and Vegetable Dust.

B-96 DE CICCO. 60 Days. The earliest strain of broccoli available. It matures about 10 days earlier than the regular, which permits a partial harvest before the hot weather slows growth.
Pkt., 20c; ½ oz., 45c; oz., 85c.

B-95 CALABRESE. 70 Days. An outstanding strain that is highly recommended for freezing. After its large center heads are harvested, smaller heads 2 inches in diameter form at the end of lateral branches. Pkt., 15c; ½ oz., 45c; oz., 85c.

B-97 WALTHAM 29. 70 Days. Dwarf plants produce ★ firm, compact, broad blue green heads of excellent texture, flavor and appearance. Pkt., 25c; ½ oz., 50c; oz., 85c.

Brussels Sprouts

Packet will plant 15 foot of row ½ oz. 100 feet.

BRUSSELS SPROUTS are miniature cabbages formed on a plant stalk. The delicate flavor is improved by a touch of frost and it is usually a fall crop, sown in June. Sow 10-15 seeds per inch in a short row. When plants are 2-2½ inches tall, transplant to garden 15-18 inches apart in rows 2-2½ feet apart. Control insects same as for Broccoli.

B-98 JADE CROSS. 90 Days. A new hybrid ★ that won in All America trials. This variety is rapidly outmoding all others because it is so easy to grow. Plants are compact 22 inches tall and readily set sprouts. Seed will always be expensive because of hybrid techniques but the variety is well worth the additional price. Packets only, 50c.

B-100 CATSKILL. 90 Days. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm round, cabbage-like sprouts of 1¼ to 1½ inches in diameter which mature in succession. Pkt., 20c; ½ oz., $1.10; 1 oz., $1.90.

B-99 LONG ISLAND IMPROVED. 90 Days. Plant dwarf and compact; 20 in. tall; very uniform; stem well covered with firm, round cabbage-like balls of 1¼-1½ in. diameter which mature in succession. Pkt., 15c; ½ oz., $1.10; oz., $1.90.

CATSKILL Pkt., 20c

Table Quality Beets

B-77 BEET PERFECTED DETROIT. Pkt., 25c; ½ oz., 35c

Quantity needed to sow: 15 ft. row, 1 pkt.; 60 ft. row, 1 oz.

QUALITY in beets is measured by an even, globular shape, uniformity in size, bright, even color, flavor, fine texture and tenderness.

Our best seed is grown only from transplanted roots, which are taken up in the fall, carefully graded, and transplanted again to produce seed. Only beets which conform to the highest quality standards are planted for seeds.

All beets keep well in winter when properly stored. A special sowing should be made in midsummer to produce the storage crop.

As soon as soil can be worked in the spring, sow one or 2 seeds to the inch, half inch deep in rows 18-24 inches apart. Firm soil over seed and water well if required. Thin when roots begin to make globes, to stand 4 inches apart in row. Cook discards with their tops.

B-78 FIRE BALL. 55 Days. A dark blood red beet ★ that is almost completely free of zonation. A very nice sort for an early planting. The roots are a smooth globe shape like Detroit but not as large.
Pkt., 25c; ½ oz., 35c; oz., 65c.

B-77 PERFECTED DETROIT. 55 Days. In this ★ improved strain of Detroit Dark Red the fine qualities which have made that variety standard for main crop sowing have been strengthened by careful breeding. It is earlier and almost spherical in shape. The tops are taller than Regular Detroit and the leaves are green tinged with red.
Pkt., 25c; ½ oz., 35c; oz., 65c.

B-76 DETROIT DARK RED. 55 Days. A strikingly uniform strain producing a very smooth globe shaped root of a very dark red inside and out. Tops are intermediate in height, uniform, refined, dark green becoming tinged with red.
Pkt., 15c; ½ oz., 25c; oz., 40c.

B-75 CROSBY'S EGYPTIAN. 50 Days. This early variety has long been a home garden favorite. It is exceptionally tender and sweet, of a deep red with some light zoning, and fine texture. Tops are of medium size and the roots of a flattened globe shape.
Pkt., 15c; ½ oz., 25c; oz., 40c.

B-83 RUBY QUEEN. All America Winner 1958. ★ 50 Days. The blood red interior color free from zoning and smooth texture and cooking quality of this new beet make it very popular with home gardeners. The tops are short and dull reddish green. Excellent table quality.
Pkt., 25c; ½ oz., 40c; oz., 75c.

B-79 WINTERKEEPER (Long Season). 75 Days. A home garden favorite, tender and sweet at any stage of growth, and keeps all winter. Perhaps best able quality variety. Matures slowly. Pkt., 25c; ½ oz., 35c; oz., 65c.

B-80 GREEN TOP BUNCHING. 55 Days. An early extremely attractive bunching beet that we recommend as a top all purpose beet. Tops medium. Roots round, smooth and glossy, slightly flattened when fully mature; flesh bright blood red. Pkt., 15c; ½ oz., 25c; oz., 40c.

B-81 IMPROVED EARLY EGYPTIAN. 45 Days. The best variety for forcing and first early crop. Roots are very dark red, rounded on top, flat beneath, small tops. Pkt., 15c; ½ oz., 25c; oz., 40c.

Sugar Beets

A packet will plant 25-foot row, an ounce 125 feet. Plant the same as beets, but thin to 10-12 inches apart.

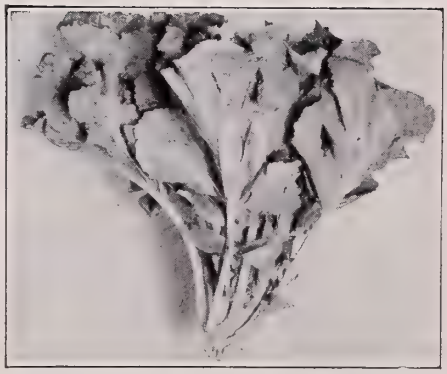
B-93 KLEIN-WANZLEBEN. 100 Days. The most desirable beet for sugar manufacture; valuable also for stock feeding. Roots medium large and good keeper. Pkt., 25c; oz., 50c; ¼ lb., $1.00.

Mangel Wurzel

A packet will plant 25-foot row, an ounce. 125 feet. Plant and grow the same as sugar beets.

B-89 MAMMOTH LONG RED. 110 Days. Largest and heaviest cropper of long red sort. Light red, flesh white tinged with rose.
Pkt., 25c; oz., 50c; ¼ lb., $1.00.

Collards



C-100 COLLARD GEORGIA. Pkt., 15c; oz., 35c

A packet will plant 20-25-foot row, an ounce 150 ft.

THIS is a relative of the cabbage which produces green leaves of cabbage flavor, and having a much higher vitamin content. It produces edible leaves in 45 days. In the south collards are extensively grown instead of cabbage. In northern home gardens they will supply a larger quantity of edible leaves than cabbage for the space occupied.

C-100 GEORGIA. 75 Days. Non heading and very generally grown for greens in the south. Plant 2-3 feet tall, erect, spreading.
Pkt., 15c; ½ oz., 30c; oz., 50c

ALL ABOUT HOUSE PLANTS. By Montague Free. All About House Plants gives full information on what to grow and how to grow it. Whether you are interested merely in a pot or two of flowering plants on the window sill or an elaborate indoor garden of many species, this volume will tell you what to select. 17 pages of full-color illustrations, 32 pages of halftones, and many linecuts.
304 pages. Price $4.15 postpaid.

EASY BLANCHING FULL HEART. Pkt., 25c

Celery

CELERY seed grows so slowly it is best to sow indoors about April 15. Transplant into individual "Plant-a-Pots" when the plants are about ½ inch tall. Plant into the garden around June 15, 10-12 inches apart in rows 24-30 inches apart. Plants should be harvested before severe frost. Do not work over the plants when they are wet with dew or rain. Quantity needed for 400 to 500 plants, 1 pkt.; 8,000 plants, 1 oz.

C-72 EASY BLANCHING FULL HEART. 110 Days. ★ An early variety of erect, compact growth, blanching easily. Stalk is medium large and solid, crisp with no fibre and excellent flavor. Good winter keeper. Recommended for early storage for hearts. A very fine home garden type.
Pkt., 25c; ¼ oz., 65c; ½ oz., $1.15

C-86 SUMMER PASCAL. 120 Days. One of the most popular green varieties, used without bleaching. Recommended for home and nearby markets, but is too tender and brittle to stand long distance shipping. Resistant to blight. Stalks are long, solid, crisp, stringless and of excellent quality.
Pkt., 20c; ¼ oz., 55c; ½ oz., 95c

C-80 UTAH PASCAL. (Salt Lake). 125 Days. A green ★ variety recommended for fall use, maturing earlier than Giant Pascal. Stems thick, solid, broad rounded and of fine quality.
Pkt., 20c; ¼ oz., 55c; ½ oz., 95c

C-74 GIANT PASCAL. 135 Days. A tall late green celery of excellent quality. Leaf stalks round, thick and solid. A very fine variety for fall and winter use.
Pkt., 15c; ¼ oz., 55c; ½ oz., 95c

C-77 GOLDEN SELF BLANCHING DWARF STRAIN. 115 Days. Dwarf bunches with broad, ★ heavy stalks, blanch into a rich, appetizing, golden yellow. Though the stalks are heavier than white varieties, its sweetness, tender crispness, delicious flavor and absence of strings make it a favorite. The French originators of this type have introduced a re-selected strain earlier and stronger growing than the older type.
Pkt., 25c; ¼ oz., 65c; ½ oz., $1.15

Celeriac

TURNIP ROOTED CELERY

COOKED and prepared as a salad, or used to flavor meals, it has a rich celery flavor. The roots keep well in winter. Recipes for preparing enclosed upon request. Seed requirements and culture same as for celery.

C-84 LARGE SMOOTH PRAGUE. About 110 Days. A main crop variety.
Pkt., 20c; ¼ oz., 55c; ½ oz., 95c

Tasty Cabbage

One packet will plant 30 foot row. One ounce will plant 200 foot of row.

TO grow early cabbage sow seed in a flat indoors 6-8 weeks before the frost free date. When the first true leaves develop, transplant into individual 2¼ inch "Plant-a-Pots." Plant in the garden 12-18 inches apart in the row and in rows 24-30 inches apart when danger of freezing is over. Protect with "Hot Kaps" if severe frosts are predicted.

To grow kraut cabbage and cabbage for storage plant 12 to 15 seeds per inch in a short row in the garden in June. Allow these to grow until they are 2-2½ inches tall. Then transplant at distances suggested above.

Cabbage worms can be controlled by dusting weekly with Vaughan's Tomato and Vegetable Dust until they disappear.

Yellows Resistant Varieties

WHEREVER the temperature of the soil rises to 85 degrees and remains for several days, there is danger of the yellows disease, and when it strikes, a crop failure may result.

We recommend their use wherever danger of yellows may exist. If the disease strikes, resistant strains will show slight loss, where non-resistant types would probably be destroyed.

C-12 GOLDEN ACRE RESISTANT. 62 Days. Similar in all respects to regular Golden Acre except that it has excellent resistance to yellows. Quite uniform in growth.
Pkt., 25c; ½ oz., 65c; oz., $1.15.

C-1 BUGNER. 100 Days. A winter variety most popular in the Chicago area. Our strain has been selected for resistant qualities many years.
Pkt., 20c; ½ oz., 65c; oz., $1.15.

C-10 GLOBE. 75 Days. A resistant Glory of Enkhousen of excellent flavor. You who think that there is no difference in the flavor of cabbage, should compare a mature Globe with any other. In our estimation the easiest to grow, and the best in flavor and texture.
Pkt., 20c; ½ oz., 65c; oz., $1.15.

C-15 CABBAGE JERSEY QUEEN

C-15 JERSEY QUEEN. 60 Days. As near a true Jersey Wakefield as is possible to select in type and earliness. Exceptionally resistant to yellows.
Pkt., 20c; ½ oz., 50c; oz., 90c.

C-16 MARION MARKET. 75 Days. Yellows resistant strain of Copenhagen Market. Larger and coarser in plant and not so early or uniform but will produce a normal crop on yellows infested soil.
Pkt., 20c; ½ oz., 50c; oz., 90c.

VAUGHAN'S WILD BIRD FEEDING MIXTURES

LA140 5 lbs., $1.00; 10 lbs., $1.80; 100 lbs., $14.00.

All prices prepaid within 300 miles of Chicago; otherwise collect.

C-25 WISCONSIN ALL SEASONS. 90 Days. Either a kraut or home variety, but is used more for kraut than any other purpose.
Pkt., 20c; ½ oz., 65c; oz., $1.15.

C-28 WISCONSIN BALLHEAD. 100 Days. A highly perfected strain of yellows-resistant cabbage. A good keeper, of fine texture.
Pkt., 20c; ½ oz., 65c; oz., $1.15.

C-5 WISCONSIN COPENHAGEN. 68 Days. A resistant Copenhagen strain that bears large heads early with a lighter color than Racine Market. This variety will also stand in the field a long time without bursting. Pkt., 20c; ½ oz. ,65c oz., $1.15.

FIELD OF YELLOWS RESISTANT BUGNER CABBAGE

C-30 RACINE MARKET. 64 Days. Large, round headed uniform cabbage of Golden Acre type with characteristic blue green color.
Pkt., 20c; ½ oz., 65c; oz., $1.15

C-18 O-S HYBRID CABBAGE. Pkt., 35c

HYBRID CABBAGE

C-18 O-S CROSS. 70 Days. This first F1 hybrid cabbage to be introduced was bred by a method requiring no hand pollination. Its chief merits are huge size, high quality and extreme vigor. The heads weigh up to 10 pounds, are solid, low growing, short stemmed, with bluish outer leaves and a light green interior. If you want big cabbages this is the variety to use. Pkt., 50c

RED VARIETIES

As named the leaves have an external red or reddish purple coloration very attractive in salads and slaw.

C-14 RED ACRE. 75 Days. An early, round head, very hard, 6 inches through, weighing 4 lbs. One of the earliest reds of quality.
Pkt., 25c; ½ oz., 65c; oz., $1.15.

C-17 MAMMOTH ROCK RED. (Long Island Strain). 100 Days. The hardiest and largest heading red cabbage. Round, very solid and of a deep red color, often weighing up to 12 pounds each.
Pkt., 25c; ½ oz., 65c; oz., $1.15.

C-22 RED YELLOWS RESISTANT. 100 Days. Not as large as Mammoth Rock Red, but darker and more uniform color.
Pkt., 25c; ½ oz., $1.00; oz., $1.90

SAVOY LEAVED VARIETY

This type has very krinkled & rumpled leaves very distinct from the other varieties.

C-3 CHIEFTAIN SAVOY. 88 Days. You seldom see it in the markets, but friends who know European cooking will tell you how delicious Savoy Cabbage tastes, stuffed with sausage, or cooked in other ways. The flavor is more delicate than white cabbage, but does not keep as well.
Pkt., 25c; ½ oz., 65c; oz., $1.15.

Cultivation of the cabbage antedates reliable historical records. While it prefers moist, cool weather, it will not thrive in a shady location, and crowding in the row may cause it to go to seed rather than forming a head. Abundant feeding favors the early formation of heads; and while it suffers quickly from a lack of water it cannot endure "wet feet" but demands good drainage.

STANDARD VARIETIES

If cabbage yellows is not a problem these strains can be recommended.

C-11 GOLDEN ACRE. 60 Days. The earliest round headed cabbage. Pkt., 15c; ½ oz., 40c; oz., 70c.

C-4 COPENHAGEN MARKET. 65 Days. Earliest of the large heading cabbages, this select strain is of unique value both to home and market growers.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-9 EARLY JERSEY WAKEFIELD. 62 Days. This extra early conical shaped head cabbage is a specialty with us. The heads are hard, the outside leaves small, so that close planting is possible.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-6 DANISH BALLHEAD SHORT STEM. (Dwarf Amager). 105 Days. Heads large, flattened globe shape; very firm and solid; keep very well in storage.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-23 PREMIUM FLAT DUTCH. 110 Days. Seed may be sown in the open ground and plants raised without the use of hotbeds.
Pkt., 15c; ½ oz., 40c; oz., 70c.

PAOTING. Pkt., 15c MICHIHLI. Pkt., 15c

Chinese Cabbage

(CELERY CABBAGE)

Although a separate varietal species this kind is grown similar to cabbage but must be planted early for a spring crop or in late July for fall crop.

C-27 NAGOA HYBRID. 70 days. Plant breeders have developed a hybrid variety of this fine vegetable that will extend its growing season and availability. Heads form readily a month later in the spring than open pollinated varieties and can be planted for harvest a month earlier in the fall. Plants resemble Paoting.
Pkt., 50c; 1/16 oz., 95c; ⅛ oz., $1.75

C-26 MICHIHLI, IMPROVED CHIHLI. 70 Days. Produces slender, tight heads 6x18 inches, bleached in center with tips green. Makes delicious salad raw and has delicate cabbage flavor cooked without odor.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-19 PAOTING, OR WONG BOK. 80 Days. Genuine "Wong Bok" type. It has produced heads weighing 15 pounds and stands long before going to seed. It is the largest of the Chinese Cabbages.
Pkt., 15c; ½ oz., 40c; oz., 70c.

No Flavor Equals Garden-Fresh Sweet Corn!

MAKE SURE YOU GROW THE BEST VARIETIES!

Not all sweet corn seed produces really good eating corn. To be good enough for Vaughan's to offer to their customers, corn must . . .

- **PRODUCE TOOTHSOME KERNELS**—tender-skinned, yet firm and deep enough to "get your teeth into."
- **EXCITE YOUR TASTE** with the most luscious sweet corn flavor and aroma. Adulterating cob flavor must not come through.
- **HAVE "EYE APPEAL"**—sparkling-colored, full-bodied, non-shrinking.
- **GERMINATE AND GROW WELL,** even under adverse conditions of cool or hot weather. Plants must be strong and disease-resistant.

EAT YOUR CORN FRESH FOR BEST TASTE!

The right time to harvest is when the kernels appear milky when crushed. Secondly, cook corn almost immediately after picking, or place in refrigerator. After corn is harvested, corn sugars turn to starch very rapidly in temperatures above 40 degrees.

Hybrid and Open-pollinated Sweet Corn to Suit Every Taste

HYBRID sweet corn differs from open pollinated varieties in the following ways: Heavier yield, more even maturity, greater vigor, and resistance to disease. Any open pollinated corn will mature unevenly and give edible ears from one planting over a longer period, which some may prefer. Our list has been revised to offer the best of both hybrid and open pollinated types, as proved in our trials.

Sow two weeks before frost proof date, seeds two inches deep, three inches apart; to be thinned out to six inches; or six seeds to a hill, 2 to 3 feet apart according to variety's height, thinning to three plants per hill. Time succession sowings, two weeks apart.

The sugars in Sweet Corn rapidly turns to starch in temperatures above 80° especially after picking. So be sure to cook and serve promptly. If delayed even for a few hours keep the ears in the refrigerator.

HYBRID VARIETIES

C-108 GOLDEN CROSS BANTAM. 79 Days. ★ Being equivalent in both season and quality to Golden Bantam, this continues to be the favorite hybrid variety among home gardeners. It excels in sweetness and tenderness, with a larger ear and more vigorous growth than Golden Bantam. The ear measures 7½ to 8 inches and has 12 to 14 rows of kernels.
Pkt., 25c; ½ lb., 65c; lb., $1.20

C-109 HONEY. 80 Days. New hybrid bred for home ★ gardeners, supreme in tenderness and flavor. Grows 5 ft. stalks, 12 row ears, 7x1½ inches. The sugar content in the kernels of Honey is very stable so its flavor does not cook away.
Pkt., 30c; ½ lb., 80c; lb., $1.50

C-128 GOLDEN BEAUTY. 68 Days. Silver Medal All America winner 1955. The ears are quite uniform about 8 inches long and the kernels are an attractive bright yellow. Yields lots of corn on sturdy vigorous plants. Pkt., 25c; ½ lb., 75c; lb., $1.35

C-104 SUPER SWEET. 83 Days. The sugary ★ sweet flavor of this variety can't be equalled. Even when it is past prime it's still sweet. Seed quality will always be poor because of the high sugar content so be sure to plant only in warm soil. 2 oz. Pkt., 50c; ½ lb., $1.75; lb., $3.25.

C-101 BOUQUET. 75 Days. A hybrid variety ex- ★ celling in tenderness and flavor. Much sweeter than earlier varieties. A vigorous grower, disease resistant, esteemed by many as the best.
Pkt., 25c; ½ lb., 65c; 1 lb., $1.20

C-111 IOCHIEF. 83 Days. All America winner 1951. A fine home garden late variety that is suited to freezing or canning. Pkt., 25c; ½ lb., 75c; lb., $1.35.

C-125 GOLDEN MIDGET HYBRID. 68 Days. A ★ tender hybrid for the small home garden. A small eared, small stalked variety producing as early as any variety we know. Second only to open pollinated Golden Midget for freezing on the cob.
Pkt., 25c; ½ lb., 80c; lb., $1.50

Hybrid Varieties (continued)

C-127 GOLDEN ROCKET. 65 Days. A fine very early sweet corn. Eight inch ears with 12 rows of kernels that are borne on 6 ft. stalks.
Pkt., 25c; ½ lb., 65c; lb., $1.20

C-119 OUR CHOICE. 68 Days. This variety has been ★ our most popular early for several years and for an early corn has excellent flavor and quality. It is heavy yielding, with a good size 10-14 row ear. Pkt., 25c; ½ lb., 65c; lb., $1.20

C-122. SURPRISE. (Improved Spancross). 64 Days. 10 to 12 rows, golden yellow, ears 6 to 6½ inches. Stalks 57 to 60 inches tall and bear the ears 12 inches from the ground. This is the first early corn of good quality to mature.
Pkt., 25c; ½ lb., 65c; lb., $1.20

C-129 IMPROVED CARMELCROSS. 75 Days. A ★ recent introduction that has become the most popular of the second earliest or the early corns that bear large ears. Some claim this variety has the finest flavor of any of the early corns.
Pkt., 25c; ½ lb., 65c; lb., $1.20

C-115 IOANA. 81 Days. Productive variety, highly resistant to drought and wilt. Ears 7½ to 8 inches long, 12-14 rowed. Pkt., 25c; ½ lb., 65c; lb., $1.20.

C-103 COUNTRY GENTLEMAN HYBRID. 99 Days. Like Country Gentleman except heavy yielder. Set solid with irregular rows of kernels. These are white, shoe-peg form, very deep; sweet and tender.
Pkt., 35c; ½ lb., $1.00; lb., $1.90

C-121 STOWELLS HYBRID. 95 Days. A large stalked late white (white) corn with even rows of kernels. The stalks are tall (7 foot) vigorous and sturdy. The ears are 8-9 inches long and have 16-18 rows of kernels.
Pkt., 30c; ½ lb., 80c; lb., $1.50

SWEET CORN LONG HARVEST TEAM (All Hybrids)

Because hybrid sweet corns are so uniform in maturing it is necessary to make successive plantings if only one variety is used. Since many gardeners desire to plant only once we at Vaughan's have selected four varieties which, if planted at the same time will yield sweet corn for almost a month.

These four varieties are
C-128 Golden Beauty. 65-70 Days.
C-101 Bouquet. 70-75 Days.
C-108 Golden Cross Bantam. 75-80 Days.
C-111 Iochief. 80-85 Days.

1 2 oz. packet of each bought separately would cost $1.00

(All 4 for only 75c)

Open Pollinated Varieties

C-106 EXTRA EARLY GOLDEN BANTAM. 78 Days. An 8-row Golden Bantam that matures about a week earlier than our standard strain.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-114 IMPROVED GOLDEN BANTAM. 85 Days. ★ 10 to 14-row Golden Bantam, larger, yet equal in quality to the regular 8-row type.
Pkt., 20c; ½ lb., 50c; lb., 85c

Open Pollinated Varieties (Continued)

C-107 GOLDEN BANTAM. 83 Days. The ★ tender sweetness of an ear of true Golden Bantam, picked just after it turns yellow and served in half an hour has never been excelled. To maintain this supreme quality, however, requires constant vigilance. We offer the finest obtainable.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-126 CREAM-O-GOLD. 85 Days. A late variety with large ears and deep kernels fairly well suited for freezing on the cob.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-124 BANTAM EVERGREEN. 90 Days. A product of Golden Bantam crossed with Stowell's Evergreen. It has retained much of the quality of Bantam and has the size and tender skin of Evergreen.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-112 GOLDEN 60 DAY. 68 Days. It is bred from 60-Day White crossed with Golden Bantam.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-110 GOLDEN MIDGET. 70 Days. On stalks 2½ ★ to 3 ft. tall this dwarf sweet corn is unsurpassed for flavor. Here is a variety that still tastes excellent after being frozen on the cob.
Pkt., 20c; ½ lb., 55c; lb., $1.00

C-105 AUNT MARY'S. 83 Days. Here's a ★ white corn equal or better in every respect to Golden Bantam. Plants are strong bearing 2 good ears per stalk. It has a tender hull which makes it excellent to parch. Try it, it's the best!! 2-oz. Pkt., 35c; ½ lb., 90c; lb., $1.75.

C-102 COUNTRY GENTLEMAN. About 95 Days. Kernels crowded together on the cob. Deliciously tender and sweet. Pkt., 20c; ½ lb., 50c; lb., 85c.

C-120 STOWELL'S EVERGREEN. 95 Days. The stalks grow 7 to 8 feet high, and bear ears 8 inches long, with 16 or more rows.
Pkt., 20c; ½ lb., 50c; lb., 85c

C-123 BLACK MEXICAN. 85 Days. Selected for high sugar qualities. Ears 8 rowed, 8 inches long.
Pkt., 25c; ½ lb., 55c; lb., $1.00

1927 CALICO, INDIAN or SQUAW, see page 23.
Pkt., 15c; oz., 35c.

POP CORN

C-135 ILLINOIS HULLESS. 100 Days. The ★ finest quality pop corn available. The kernels pop to over 35 times their original size and are a snowy white color completely without hulls.
Pkt., 20c; ½ lb., 55c; lb., $1.00

C-138 SOUTH AMERICAN. 110 Days. Usually 2 ears to a stalk. Large yellow kernels, 12 to 14 row ear, 6 to 7 inches long, pops to enormous size, no hard center.
Pkt., 20c; ½ lb., 45c; lb., 75c

C-139 SOUTH AMERICAN HYBRID.
Pkt., 30c; ½ lb., 90c; lb., $1.70

C-136 JAPANESE HULLESS.
Pkt., 20c; ½ lb., 45c; lb., 75c

C-137 JAPANESE HULLESS HYBRID.
Pkt., 30c; ½ lb., 90c; lb., $1.70

1928 STRAWBERRY, see page 23. Pkt., 25c.

Available from October to May Mushrooms for home consumption can be grown in your cellar, without odor or disorder, in Magic Mushroom trays, which come filled with compost, and sown with spawn, ready to grow after you have added dirt from your garden and soaked the soil.

Shipped with complete instructions, Prices, 3 trays, $5.00; 6 or more, $1.50 each, all shipments by express at purchaser's expense F.O.B. Ashtabula, O. No trays will be shipped C.O.D.

PURE CULTURE IMPROVED VITA BOTTLE SPAWN

This spawn is made in glass jars under absolutely sterile conditions. After the spawn is produced it is removed from the bottle intact and placed in a carton for shipment. One bottle equals 5 bricks of ordinary spawn and is sufficient for 40 square feet. Leaflet, "How to Grow Mushrooms" free with spawn. Postpaid.

Per carton.....$1.75 5 cartons for.....$7.50

PURE CULTURE IMPROVED VITA BRICK SPAWN

One brick will spawn 8 to 10 square feet and comes in pure white. Postpaid.

Per brick.....$1.00 5 bricks for.....$4.00

Cardoon

A packet will produce 20-25 plants, an ounce, 200 plants.

Start plants in same manner as tomato plants. Set 12 inches apart in rows 30-36 inches apart. To bleach, hill soil around the plants as the leaves grow larger.

C-41 LARGE SMOOTH. 75 days. A large smooth-leaved and spineless type, of excellent quality. The bleached main stalks are used like celery for salads and soups.
Pkt. ,25c ½ oz., 95c; oz., $1.75

Chicory

A packet will sow 20-25 feet of row, an ounce 250 feet.

Each of the varieties listed below is harvested and used for a different purpose, but all are planted and grown alike. Sow 3-5 seeds per inch in rows 18-24 inches apart. After the stand is established thin to 6 or 8 inches apart.

C-97 WITLOOF (French Endive). 150 Days. A European delicacy now standard in all best hotels and restaurants in the U. S. It is easily grown. Sow in spring and allow to grow all summer. Before the ground freezes dig the roots, trim the tops and replant them in sand in the basement. In a few weeks large tender sprouts will develop. As these are cut additional sprouts come. The sprouts have a delightful flavor and are used especially in salads.
Pkt., 25c; ½ oz., 45c; oz., 75c

C-96 LARGE ROOTED MAGDEBURG. 65 Days. Roots may be cut in thick slices, roasted and used as a coffee substitute; in spring leaves make good salad.
Pkt., 25c; ½ oz., 45c; oz., 75c

C-95 ASPARAGUS CHICORY. 55 Days. Cultivated for its fresh green shoots, which are boiled in salt water and served hot or in cold salad. New sprouts continually spring from the base, to be harvested and enjoyed. Pkt., 25c; ½ oz., 45c; oz., 75c

Chervil

A packet will sow 18-20 feet of row, an ounce about 100 feet. Culture the same as for parsley.

C-93 CHERVIL. 70 Days. Similar to parsley, but of more delicate texture. Leaves bright rich green; finely divided and curled; pungent, aromatic; used for garnishing and flavoring.
Pkt., 25c; ½ oz., 35c; oz., 60c

Chives

A packet will sow 15 feet, ½ ounce, 100 feet.

Plant early as possible in the spring 3-5 seeds per inch in rows 12-18 inches apart. No thinning is necessary.

C-98 A perennial herb, a member of the onion family which every garden should grow. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. Bears attractive flowers of a beautiful lavender.
Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25

Slender, Tender Carrots

A packet of seed plants 25-30 feet of row, an ounce 200 feet

CARROTS have been improved in quality at the same time their value as a health food has been gaining wider recognition. In addition to color, size, shape, tops and season of maturity, our special strains are selected for sweetness, and the tenderness and even texture of the flesh, especially for a minimum of "core." Scientists say the brighter the color, the more Vitamin A in carrots.

Sow as soon as soil can be prepared, in shallow drills, 5 seeds to the inch. As carrot seed comes up slowly it is often mixed with radish seed. When the radishes are ready for harvest, the young carrots are well established. Thin out when of finger size, and serve discards. Carrots will mature well growing close enough to touch, and remain delicious all season; but many prefer them young, and make several sowings.

Although carrots stand crowding in the row better than most plants they always need thinning out. If sown thinly, this can be done when the roots are as large as your little finger. At this stage they make a delicious dish.

C-51 CARROT, TOUCHON. Pkt., 15c

C-51 TOUCHON. 70 Days. From the time it is finger ★ size and thinned out of the row in early spring, until it reaches full growth in the autumn, this variety excels in flavor, tenderness, even in yield, for home gardens. Its slender shape permits growing closer than thicker types and decreases the core which all carrots have even though you may not see it. Its flesh is fine grained, sweet and has bright orange coloring.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-48 RED HEART, (Red Core Chantenay). 70 Days. It has no visible core, but its rich red coloring is even throughout the flesh. The top is very strong, hence ideal for bunching. The root is of medium length, blunt, smooth and easily prepared for serving.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-50 TABLE QUEEN. 70 Days. Half-long type, rich red, tender, crisp and one of the sweetest we know.
Pkt., 25c; ½ oz., 50c; oz., 85c.

C-49 SWEETHEART. 70 Days. A very fine ★ strain of Nantes type. The top is short and the root is a bright orange with the least core of any variety shown.
Pkt., 25c; ¼ oz., 50c; ½ oz., 85c.

C-53 GOLD PAK. 80 days. A long slim carrot for loam and sandy loam soils. The roots are streamlined and smooth with good color both inside and out. The flavor and texture fine. Pkt., 25c; ½ oz., 50c; oz., 85c.

C-47 NANTES HALF LONG SCARLET. 70 Days. ★ The tops are small, the roots bright orange, smooth and cylindrical, 6 to 7 inches long. There is almost no core. Pkt., 25c; ½ oz., 50c; oz., 85c.

C-42 GUERANDE OR OXHEART. 70 Days. Of rapid growth, often attaining a weight of ½ pound. It has a good flavor and is tender. One of the few carrots that will grow well on clay soil.
Pkt., 25c; ½ oz., 50c; oz., 85c.

C-44 IMPERATOR. 77 Days. Has roots 7 to 8 inches long, slightly tapering and just enough top to bunch well. Color is deep solid orange all through. It is prolific and of high quality, brittle, tender, sweet.
Pkt., 25c; ½ oz., 40c; oz., 70c.

C-45 IMPROVED CHANTENAY. 75 Days. A strain of Early Chantenay which resembles the original type in most respects except that it averages 1½ to 2 inches longer and has sloping shoulders.
Pkt., 15c; ½ oz., 40c; oz., 70c.

C-46 IMPROVED LONG ORANGE. 88 Days. A good keeper with roots almost 12 inches long. The flesh is orange and the core light colored. Texture is fair.
Pkt., 15c; ½ oz., 45c; oz., 75c.

C-52 SELECT DANVERS. (Red Core). 75 Days. A half-long type, blunt point. Greater yield than any other. This is the red core type and superior to the old type of pale core. Skin and flesh are deep orange with an almost indistinct core.
Pkt., 15c; ½ oz., 40c; oz., 70c.

Cauliflower

A packet will produce 50-75 plants, ⅛ ounce 200 plants.

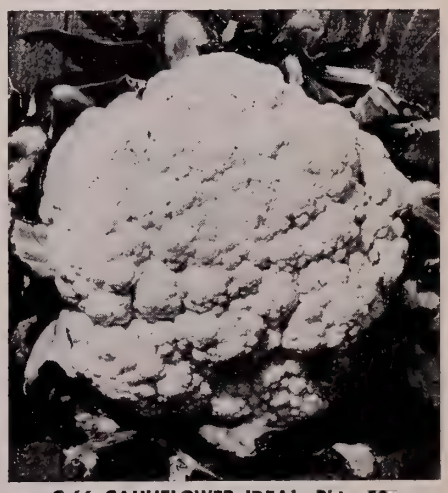
CAULIFLOWER heads will be off color and the texture poor unless they form in cool weather. In most areas it is best to sow seeds in July so as to harvest heads in October. Plant seeds in a short row 10 seeds to the inch. When plants are two inches tall, transplant 18 inches apart in rows 2-3 feet apart. The numbers shown after variety names indicate days required after transplanting till harvest. Cabbage worms should be controlled by use of Vaughan's Tomato and Vegetable Dust.

C-66 IDEAL. 65 Days. All America winner 1949. ★ An excellent Swiss bred variety that appears adapted to almost any section. This variety possesses great vigor and is very sure to head.
Pkt., 50c; ⅛ oz., $1.25; ¼ oz., $2.25

C-65 VAUGHAN'S SELECT SNOWBALL. 55 Days. ★ Improved strain of our New Snowball, early, dwarf, compact, producing solid white heads which measure 9 to 10 inches across and have a perfectly white core. Its heads are more uniform in size, and there are more leaves for protection in bleaching.
Pkt., 25c; ⅛ oz., 75c; ¼ oz., $1.40

C-64 VAUGHAN'S NEW SNOWBALL. 60 Days. A well grown head measures 9 to 10 inches across, with depth in proportion, and a perfectly white core. Dwarf and compact in growth, though taller and slightly heavier yielder than Select.
Pkt., 25c; ⅛ oz., 65c; ¼ oz., $1.15

C-67 IMPROVED PURPLE HEAD 60 Days. Definitely a novelty but easier to grow than other varieties and has excellent flavor and texture when served.
Pkt., 50c; ⅛ oz., $1.00.



C-66 CAULIFLOWER IDEAL. Pkt., 50c

Watermelons & Cantaloupes

M-54 Enjoy Seedless Watermelon. Pkt., 75c.

WATERMELONS may be grown under favorable conditions in the north though they require a long season to mature and cannot be planted until the ground is warm. Soil such as will mature good muskmelons is needed, with plenty of hot weather, no lack of water, and rich feeding.

Planting instructions and distances are the same as for cantaloupe.

Quantity needed for 8 hills, 1 pkt.; 35 to 46 hills, 1 oz.

M-35 CHARLESTON GREY. 90 Days. The grey green variety you buy on the market.
Pkt., 25c; ½ oz., 50c; oz., 85c

M-52 SUGAR BABY. 75 Days. Somewhat larger than ★ New Hampshire Midget, but small enough to fit into your refrigerator, averaging 8 inches in diameter, 8 to 10 lbs. Dark green, fewer seeds, and top rating for flavor.
Pkt., 35c; ½ oz., 55c; oz., $1.00

M-44 RHODE ISLAND RED. 79 Days. A delicious new ice box type of watermelon developed by Dr. Desmond Dolan of the Rhode Island Experiment Station for more northern areas. Extra sweetness, real watermelon flavor, earliness and ideal size are virtues of this cross between Dixie Queen and Honey Cream. Pkt., 35c; ½ oz., 55c; oz., $1.00.

M-48 NEW HAMPSHIRE MIDGET. 75 Days. A small very early home garden All America 1950 winner. The fruit are light green with dark green mottling and striping.
Pkt., 25c; ½ oz., 50c; oz., 85c

M-50 CONGO WATERMELON. 90 Days. This ★ green striped melon has a bright red flesh that is exceptionally sweet.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-40 HYBRID DIXIE QUEEN. 82 Days. Similar ★ to regular Dixie Queen only a true F1 hybrid. The fruit are unusually sweet.
Pkt., (about 20 seeds) 50c; ½ oz., $3.50

M-54 TRI-X-317 SEEDLESS HYBRID. 85 days. ★ This dark red fleshed seedless watermelon is far superior to former seedless types. You have to eat one to realize how wonderful they are. The seed coats develop but they are soft and edible and do not impair the flavor or texture of this "best of all" variety. With each packet of seed we enclose free a small packet of Winter Watermelon seed, which must be sown with the seedless kind to provide pollen. We suggest you start plants indoors in Plant-a-Pots, 2 Tri-X-317 seeds and 1 Winter Watermelon (supplied free) in each pot. Keep the planted seeds warm 80°F until true leaves develop. The Tri-X-317 Seedless Melons can easily be detected by the dark green stripes. Packed (10 seeds), 75c; 50 seeds, $2.75.

M-39 DIXIE QUEEN. 85 Days. A fine medium early home garden melon of excellent quality. Fruits nearly round, light green striped with darker green. Rind thin but tough, flesh a deep red, crisp and sweet. The seeds are white.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-49 STONE MOUNTAIN RESISTANT No. 5. 85 Days. Melons dark green with indistinct veins; flesh bright red, crisp and sweet.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-38 COLE'S EARLY. (Harris Earliest). 80 Days. Popular in northern sections, fruits medium size; dark green stripes alternated with lighter; flesh bright red of good quality, seeds blackish.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-41 FLORIDA GIANT (Black Diamond or Cannonball). 95 Days. Fruits very large, dark green, nearly round, flesh bright red, crisp and sweet. This is a popular southern variety.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-51 TOM WATSON. 92 Days. Fruits very large, oblong, cylindrical, symmetrical, flesh deep red, and sweet. Pkt., 15c; ½ oz., 30c; oz., 50c

M-43 ICE BOX. 78 Days. It is desirable to have a melon that will go in the ice box without having to be cut. This round melon is about six inches in diameter, is early, hardy and of excellent flavor.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-45 WILT RESISTANT KLECKLEY'S No. 6. 85 Days. Large, dark green, oblong fruits often 22 inches long, flesh rich red, sweet and fine texture.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-53 WINTER WATERMELON. 85 Days. Like Honey Dew in size and long-keeping qualities. Excellent flavor. Pkt., 25c; ½ oz., 50c; oz., 85c

M-42 GOLDEN HONEY. 90 Days. Best yellow fleshed melon. Oblong, brown seed, flesh a sparkling gold, attractive and delicious. Rind dark green.
Pkt., 25c; ½ oz., 50c; oz., 85c

M-36 CITRON. 92 Days. For Preserves.
Pkt., 25c; ½ oz., 50c; oz., 85c

Dandelion

A packet will plant 20 feet of row; ½ ounce, 150 feet

We suggest you plant dandelion in the summer after lettuce or radishes. Plant seed not over ¼ inch deep in rows 12-18 inches apart and 3-5 seeds per inch. Keep watered regularly till stand is established, then thin to 1 plant every 4-8 inches. Greens can be cut until warm weather the following spring.

D-1 THICK LEAF OR CABBAGE VARIETY. Cultivated for spring greens and salads. Unlike common sorts, almost double usual size and with a very mild flavor. Pkg., 25c; ¼ oz., 75c; ½ oz., $1.40.

Finnochio

A packet will plant 15-20 feet an ounce 100 feet

When danger of freezing is over sow in rows 12-18 inches apart about 3-5 seeds per inch and not over ½ inch deep. After stand is established thin plants to 4-6 inches apart. Hilling dirt around the plants when bulbs are half grown will bleach the bulbs to almost pure white.

H-22 FENNEL FLORENCE. Forms an oval bulb-like enlargement at the base of the stem, which has a pleasing Anise-like flavor and is excellent cooked by itself, as flavoring in soups and sauces, or in salads.
Pkt., 25c; ½ oz., 50c; oz. 90c

Garden Huckleberry

Packet will produce 25-30 plants, ½ ounce, 1000 plants. Growing directions are the same as for tomato of which the plant is a distant cousin.

G-1 GARDEN HUCKLEBERRY. 85 Days. This vegetable has a distinct flavor which appeals to many. Used in salads, for preserves and relishes. Fruits resemble huckleberries and are borne in bunches on 3-foot plants. Pkt., 25c; ½ oz., 65c; oz., $1.20.

M-14 CANTALOUPE, IROQUOIS. Pkt., 25c.

Plant 6-8 Cantaloupe seeds ½ inch deep in hills 4 feet apart in rows at least 5 feet apart after the ground warms in the spring. Thin to 3 plants per hill. For those who want their melons early, plant 5 seeds ½ inch deep in 3 inch "plant-a-pots" four or five weeks before the frost-free date. Keep these indoors in the best light possible. When danger of frost is past transplant the pots outdoors at distances suggested above.

Remember, cantaloupes must ripen on the vine. Except the Honey Dew, they do not improve after picking.

Striped cucumber beetles can suck tremendous quantities of sap from melon plants. If they are numerous dust or spray with Vaughan's Tomato and Vegetable Dust or Spray.

Quantity needed for 15 to 20 hills, 1 pkt.; 100 hills, 1 oz.

M-9 SUPER MARKET HYBRID. 75 days. A very excellent flavor combined with thick firm flesh and a small seed cavity make this a fine variety. The melons are 7 inches long and 6 inches in diameter with tan skin and attractive netting. All the advantages of F-1 hybrids is demonstrated by Super Market—vigor, productivity, disease resistance, ability to yield under almost any soil and climatic conditions.
Pkt., (about 20 seeds) 75c; ⅛ oz., $4.00.

M-16 PENNSWEET. 70 Days. Very early, small sized fruits notable for thick sweet yellow flesh with small seed cavity, are produced in abundance. Highly suitable for short season northern areas.
Pkt., 25c; ½ oz., 50c; oz., 85c

M-17 PRIDE OF WISCONSIN. 85 Days. Oval in shape with tough, heavily netted rind and flesh deep orange and very thick, sweet and of excellent quality.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-15 MILWAUKEE MARKET. 80 Days. Large, aver- ★ aging 8 inches in diameter, with a small seed cavity and thick salmon flesh, this has the sweetest, most delicious flavor and the finest texture of any we know. It does not stand shipping. Its original quality has been increased by breeding from hand-cut, inspected melons. Pkt., 15c; ½ oz., 35c; oz., 60c.

M-12 HONEY ROCK (or Sugar Rock). 85 Days. A wonderfully sweet melon with thick orange flesh and a distinctive flavor suggesting the Honey Dew taste. It produces heavily. Oval fruits of medium shape, an excellent home garden variety.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-19 EARLY BENDER, SCHOONS HARDSHELL. 90 Days. A large oval shaped melon with fruits 8-9 inches long and 7 inches in diameter. The rind is heavily netted, and the bright orange flesh is thick and very tasty. Pkt., 15c; ½ oz., 35c; oz., 60c.

M-14 IROQUOIS. 90 Days. Developed by Cornell ★ University with definite resistance to Fusarium wilt. Fruits are round to oval, about 6½ inches in diameter with permanent ribs and good netting. The rind is tough and holds up well. Flesh is deep orange color, of fine texture and excellent quality. Skin creamy green at maturity.
Pkt., 25c; ½ oz., 50c; oz., 85c

M-5 BANANA. 98 Days. Cucumber shape. A novelty melon for the home garden.
Pkt., 25c; ½oz., 50c; oz., 85c

M-10 HEARTS OF GOLD. 80 Days. For the home garden with heavy soil, this is a most delicious variety. It has a flavor all its own, and never surpassed. In size it is just right, 5 to 6 inches in diameter, almost a sphere, with small seed cavity, well netted with shallow sutures.
Pkt., 15c; ½ oz., 35c; oz., 60c

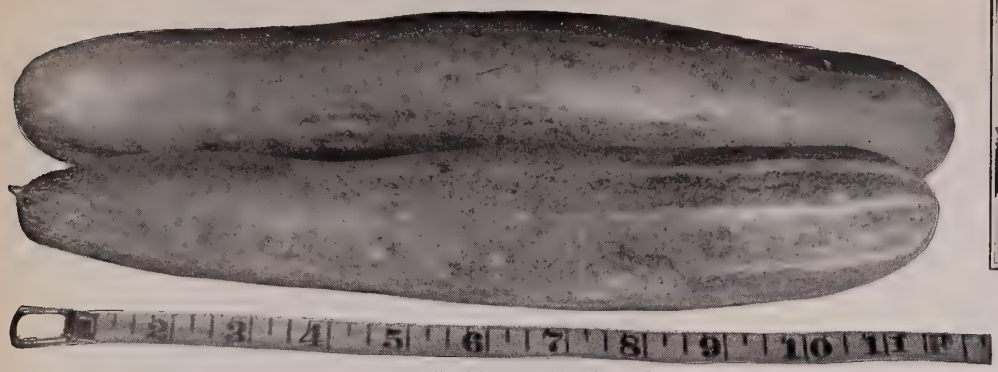
M-18 ROCKY FORD OR NETTED GEM. 95 Days. Flesh thick green, sweet, juicy and of good flavor. Fruits small, oval and show no ribbing, but covered with uniform netting.
Pkt., 15c; ½ oz., 35c; oz., 60c

M-11 HONEY DEW. 110 Days. Fruits broad and oval. Nearly white becoming creamy yellow; smooth with occasional net. Flesh thick, pale emerald green, sweet, juicy with honey like flavor. Stores well.
Pkt., 15c; ½ oz., 35c; oz., 60c

TAYLOR'S ENCYCLOPEDIA OF GARDENING by **Norman Taylor.** Book is designed to give the reader instant access to accurate information on every conceivable garden question. Alphabetically arranged, enables the reader to find the answers in the minimum space of time. In addition to the "Common Garden" information sought by the everyday gardener, there are innumerable articles on special branches of horticulture contributed by scores of nationally recognized experts. Drawings, maps and diagrams supplement the text. Designed both for the professional and amateur. 1248 pages, priced at $15.00.

Home Garden Cucumbers

A packet will plant 15-20 hills an ounce, 80 hills



C-170 CUCUMBER MANDARIN. Pkt., 25c

After danger of frost has passed, sow in hills three to six feet apart; six seeds 1½ inches deep to a hill, thinned three plants. Protect small plants from Cucumber beetles by dusting or spraying with Vaughan's Tomato and Vegetable Dust or Spray. If planted in cool weather cover hills at night with "Hotkaps." Water when needed, and keep vines picked clean.

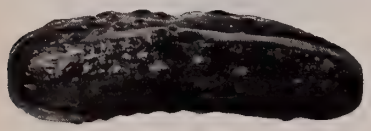
SLICING CUCUMBERS

C-175 STONO CUCUMBER. 65 Days. A new dark green slicing cucumber bred by Dr. W. C. Barnes of the Clemson College Truck Experiment Station. Pkt., 25c; ½ oz., 40c; oz., 65c

C-174 THE VAUGHAN HYBRID. 65 Days. ★ A mosaic resistant long dark green and slender cucumber. Ideal for market or home. Pkt., 25c (30 seeds); 1/16 oz., $1.10; ⅛ oz., $2.00.

C-171 MARKETER. 65 Days. A variety of recent ★ introduction producing very dark green, cylindrical fruits which taper slightly at ends. Fruits are about 8 inches long and 2¼ inches in diameter. Pkt., 15c; ½ oz., 30c; oz., 50c

C-170 MANDARIN. 45 Days. Earliest of all. One of ★ the best cucumbers for the home garden. Has proved to be resistant to the blight, due to its Chinese ancestry. By letting the vines climb a trellis or fence, it bears for a long season; two plantings 20 days apart, will furnish the table with salad cucumbers all summer. Pkt., 25c; ½ oz., 55c; oz., $1.00.



PICKLING CUCUMBERS

C-166 QUICK GROW. 50 Days. It will usually mature before the early blight appears and often-times will yield a good crop when the later dry weather has cut the yield of other varieties. Pkt., 25c; ½ oz., 50c; oz., 85c

C-183 CHICAGO WESTERFIELD PICKLING. 58 ★ Days. Our introduction. When ripe the fruit is medium size, blunt at both ends, has prominent black spines. Pkt., 15c; ½ oz., 30c; oz., 50c.

C-172 MINCU. 45 Days. Its fruits averaging 4½ inches long by 2 inches in diameter are suitable both for salad slicing and pickling. It bears from 8 to 10 fruits within a foot of the hill. Pkt., 25c; ½ oz., 35c; oz., 65c

C-173 NATIONAL PICKLING. 54 Days. Pkt., 15c; oz., 45c.

C-165 BOSTON PICKLING. 58 Days. Pkt., 15c; ½ oz., 30c; oz., 50c.

C-169 JAPANESE CLIMBING. 68 Days. This is quite resistant to disease and insects. It is good quality and of dark green. Pkt., 25c; ½ oz., 40c; oz., 65c

C-164 YORK STATE PICKLING. 58 Days. Similar to National Pickling except mosaic resistant. Pkt., 25c; ½ oz., 40c; oz., 65c

C-182 WISCONSIN No. 6. 54 days. A new National type of pickle with resistance to spot rot. A great boon to growers in Wisconsin, Michigan and Illinois. Pkt., 25c; ½ oz., 40c; oz., 65c

C-167 LEMON. 65 Days. Fruits about the size and color of a lemon. The delicious sweet flavor is quite different from other cucumbers. Usually used for pickling, but excellent sliced. Pkt., 25c; ½ oz., 45c; oz., 75c.

C-184 WEST INDIA GHERKIN. 58 Days. Another distinct type producing many very small prickly fruits which make excellent tiny pickles. Pkt., 25c; ½ oz., 45c; oz., 75c;

C-160 A & C (Colorado). 68 Days. A long, slender, dark green cucumber of excellent shape and intense dark color. Fruit is inclined to taper, especially at stem end. Pkt., 15c; ½ oz., 35c; oz., 55c.

C-185 CHINA. 75 days. One of the longest garden cucumbers, fruits often 20 inches in length and 2 inches in diameter. Extremely strong grower. Pkt., 25c; ½ oz., 45c; oz., 75c.

C-161 SMOOTHIE. 65 Days. This unusual variety received an All America Award probably because of its freedom from spines or warts on the skin. The fruits are 8-10 inches long dark green with good quality. Pkt., 25c; ½ oz., 45c; oz., 75c.

C-180 THE VAUGHAN OR LONGFELLOW. 74 Days. Suitable for forcing in the greenhouse or growing outdoors. Long 11 inch slender dark green fruits. Pkt., 25c; ½ oz., 45c; oz., 75c.

C-179 STRAIGHT EIGHT. 62 Days. A white spine which produces a high percentage of fruits perfectly straight and 8 or more inches long. Pkt., 15c; ½ oz., 35c; oz., 55c

Egg Plant

A packet will produce 25-30 plants; ½ oz., 300 plants

Egg Plant likes a rich, loamy soil. Plants should be set out in the garden as soon as danger of frost has passed, in rows 3 feet apart, the plants 2 feet apart.

Sow seeds ¼ inch deep in a flat about 8 weeks before frost-free weather. In about 3 weeks the first true leaves start to form. At that time transplant into 3 inch "Plant-a-Pots," and allow plants to grow in as much light as possible until the ground warms up.

Flea beetles cut small round holes in the leaves and where present, the plants should be treated with Vaughan's Tomato and Vegetable Dust or Spray at weekly intervals.

E-12 VAUGHAN'S HYBRID. 85 Days. A true hybrid ★ introduced by us in 1951, which has met with great success. This variety produces a tremendous crop of very large fruits. The fruit are extremely dark. Pkt., 50c

E-10 BLACK BEAUTY. 80 Days. Favorite variety in northern gardens, this excels in quality, size and appearance. Its huge fruits are almost black, are highly decorative in exhibition baskets and collections. Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00.

BLACK BEAUTY

E-11 FLORIDA HIGH BUSH. 85 Days. Plants are well branched, hardy, and disease resistant. Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25

Endive

E-1 BROAD LEAVED BATAVIAN WHITE ESCAROLE. Pkt., 15c; oz., 40c; ¼ lb., 1.25

A packet will sow 20 ft. of row, an ounce 100 ft.

Plant, grow and use like leaf lettuce except that the plants thinned out are not very sweet. Center leaves of older plants are sweet and crisp even in hot weather.

E-1 BROAD LEAVED BATAVIAN WHITE ESCAROLE. (Florida Full Heart). 90 Days. Of the straight smooth leaf Batavian type, this variety has the largest number of heart leaves and the finest salad quality of any we have tried. It grows upright, resists drought. Pkt., 15c; ½ oz., 30c; oz., 50c.

E-5 GREEN CURLED. 90 Days. Standard variety for fall and winter. When centers are blanched, it is most beautiful. Pkt., 15c; ½ oz., 30c; oz., 50c.

E-6 MOSS CURLED. Pkt., 15c; ½ oz., 30c; oz., 50c.

E-7 ROSE RIBBED CURLED. In 95 Days. Has leaf ribs of red. Pkt., 15c; ½ oz., 30c; oz., 50c.

ROCKET-SALAD (RUCHETTA). A packet of seed will plant 25 foot of row; an ounce 150 feet. Culture same as for endive.

H-11 ROCKET-SALAD. 50 Days. Young leaves are used in salads. In hot weather the flavor is strong. Pkt. 25c; ½ oz., 35c; oz., 55c.

Garden Sorrel

Packet plants 25-30 ft. of row, oz., 150 ft.

S-3 BROADLEAVED. Is boiled and served like spinach, also delicious for soups. As the hot sun tends to increase its acidity, a northern exposure is advisable. It should be sown in drills 18 inches apart. It is hardy, but should be divided every four years. Pkt., 25c; oz., 75c

Garlic Sets

One pound will plant 20 foot of row and result in 100 bulbs.

Break the bulbs into individual cloves and plant these about one inch deep and 4 inches apart in rows 18-24 inches apart early in the spring. When the tops turn yellow harvest the bulbs and dry in the shade. To keep for the winter hang in strings in a dry basement.

G-2 SELECTED BAVARIAN. 10 days. This strain has a pungent typical garlic flavor. It has been selected for productivity and storage. ½ lb., 80c; lb., $1.50. Write for latest market prices on quantities.

Horseradish Sets

A dozen plants will produce 8-10 pounds of horseradish.

HORSERADISH. The roots produce good radish, fit for use in one season's growth. Plant roots in trench, pressing small end down, and cover with 3 to 4 inches of soil. Raise the plant once in the early season, without disturbing the tap root end, and rub off all excess rootlets. Doz., $1.00; 100, $5.50.

SUNSET PRUNING HANDBOOK. Specific instructions with illustrations for pruning practically every tree, shrub or vine. This book will attempt to explain the "why" and the "how" in the nontechnical terms of the amateur gardener. 80 pages with illustrations. Paper bound, priced at $1.75; $1.95 postpaid.

Les Fines Herbes (Fine Herbs)

Grow them Fresh . . . Grow them Anywhere . . . . . Grow them Easily . . . and Economically

HERB PLANTS

Shipped from March 15 to June 1. Allow two weeks of spring weather in the Chicago area before plants are ready for shipment. Minimum order 4 plants for $2.60 (can be 4 varieties) postpaid, 12 plants $7.50 postpaid.

HP-1 APPLEMINT (Mentha gentilis) Perennial. A loco spreading mint plant with a fruity mint flavor. It grows best in shade and moist ground but will survive in sun. Delightful in tea and also cold drinks.

HP-5 CURLY MINT (Mentha spicata crispa) Perennial. This is the variety of Spearment that is used in the south as an ingredient in the famous Mint Julep. Grows best in moist soil. Used fresh. **HP-22** better for drying with same flavor.

HP-22 SPEARMINT (Mentha spicata) Perennial. The common flavor used in Spearmint gum. The leaves are used to flavor cold drinks, in teas and to make mint sauces. Grows best in moist soil. Fresh leaves picked anytime but for drying best picked just as flowering begins.

HP-10 PEPPERMINT (Mentha peperita) Tender Perennial. Excellent as a tea because of its characteristic warm spicy scent. Its oil is a source of menthol. Grows best in a moist, rich soil. Won't survive a severe winter. Harvest same as spearmint.

HP-12 LAVANDER COTTON. Grey, (Santolina incana). Tender perennial. Attractive grey foliage—ideal for rock gardens, and excellent for edging if kept trimmed. Not commonly used for flavor.

HP-13 LAVANDER COTTON. Green santolina rosmarimifolia. Tender perennial. Similar to HP—only bright green foliage.

HP-11 OREGANO (Origanum vulgare). Perennial. Although this is the same genus as Marjoram, it grows much coarser and smells more like Thyme. A must for pizza and its popularity increases as the popularity of pizza increases.

HP-14 ROSEMARY. See general description in Herb Seed Section. Plants are available.

HP-15 SOUTHERN WOOD (Artemisia abrotanum) Perennial. Makes a beautiful fragrant low hedge if clipped—Grows scraggly—2—3 feet, if unclipped. Formerly the dried leaves were used to keep moths away and presently has limited use in medicine. Used mainly as an accent plant in herb garden.

HP-17 SWEET MARJORAM. See description in Herb Seed Sections. Plants are available.

HP-19 TARRAGON (Artemisia dracunculus). Perennial. Young fresh leaves are used in salads, vinegars and also cookery because of their delicate anise-like flavor. Flavor of Tarragon is lost in drying.

HP-20 THYME. See description in Herb Seed Section. Plants are available.

HP-7 LEMON THYME (Thymus citriodorus) Perennial. A very low growing spreading type. Very effective for spreading among and over rocks. This thyme has a delicious lemon scent and makes an excellent tea.

HP-21 WILD THYME. (Thymus serpyllum). A hardy perennial. Excellent for rock garden and flagstone planting. A ground hugging species that can be used as regular Thyme.

HP-23 ROMAN WORMWOOD (Artemesia pontica). Perennial. Has very finely cut delicate silvery foliage. Makes excellent wine, although it is used mostly as an edging plant. The plants tend to have a sprawling type growth so it must be trimmed regularly if used for edging.

SPECIAL OFFER

H-20 MIXTURE OF ANNUAL HERB SEEDS. Pkt., 35c. This is intended to meet the needs of those who want to grow a row or bed of herbs without sowing a full packet of each variety. It will contain all available varieties of useful annual herbs. Sow in a nursery row, or seed box and transplant to a row or border in the garden.

H-21 MIXTURE OF PERENNIAL HERB SEEDS. Pkt., 35c. For small gardens this will give enough plants of assorted varieties to supply the family needs, without the expense of purchasing a packet each. Sow in a nursery row and transplant to a permanent location.

HERB SEEDS . . . GERMINATION TESTED AND GUARANTEED

ORDER EIGHT PACKETS OF HERB SEED GET 2 PACKETS FREE

Order any 8 packets of herb seeds listed on this page (they can all be the same or all different) and put your choice of any 2 additional packets on the order at no charge. This is an easy way to enlarge your herb garden.

H-1 ANISE (Pimpinella anisum) annual. Grows readily from seed planted in rows 18-24 inches apart after danger of frost is passed. Leaves are used in salads, seeds to flavor cakes, cookies, etc.
Pkt. 25c; ½ oz., 60c; oz., $1.10

H-17 BASIL (Ocimum basilicum) Sweet Large Leaved Annual. Plant in rows 24-30 inches apart and thin to one plant every 6-8 inches. Plants are attractive enough to use in flower gardens. Leaves spicy-scented from germination but for drying should be picked just before flowers open.
Pkt., 25c; ½ oz., 60c; oz., $1.10

H-3 BORAGE (Borago officinalis) Annual. Plant in rows 24-30 inches apart and thin to 8 inches apart in the row in early spring. Leaves are coarse and quite hairy and used in salads or cooked as greens. Flowers are very attractive sky blue and are delicious when candied; and impart a cool cucumber flavor when used fresh in drinks.
Pkt., 25c; ½ oz., 65c; oz., $1.20

H-4 CARAWAY (Carum carvi) Biennial. Only seeds are used. Seeds won't form the first year so, although they can be planted in the spring, it's easier to plant in July in rows 24-30 inches apart and allow plants to overwinter in place. Seed stalks will form the following year. Seeds shouldn't be harvested till dry.
Pkt., 25c; ½ oz., 50c; oz., 90c

H-5 CATNIP (Nepeta cataria) Perennial. Loved by cats and occasionally used for seasoning and for bee pasture. Plant in rows 18 inches apart. We suggest you mix sparingly with radishes to mark rows until the catnip plants are established. Plants can be divided the second year.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

C-93 CHERVIL. See Page 17. Pkt., 25c.

C-98 CHIVES. See Page 17. Pkt., 25c.

H-7 CORIANDER (Coriandrum sativum) Annual. Plant in rows 18-24 inches apart. The seeds are used for flavoring in confections and as a condiment. The leaves are bitter and ill-flavored.
Pkt., 25c; ½ oz., 50c; oz., 90c

H-8 DILL (Anethum graveolens) Annual. Plant in rows 30-36 inches apart after danger of frost is past. Thin to one plant every 3-5 inches after the stand is established. The finely divided leaves, the soft stems, and flowers are used for flavoring pickles, soups and sauces.
Pkt., 15c; oz., 30c; ¼ lb., 90c

H-22 FLORENCE FENNEL. See Page 18. Pkt., 25c.

H-10 HOREHOUND (Marrubium vulgare). Perennial. Plant seeds early as possible in the spring in short rows preferably with radishes to mark the row until horehound comes up. Transplant as soon as plants are two inches tall to permanent location. Plant at least 2 feet apart. Leaves and tender shoots are dried and are the source of horehound candy.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

H-2 HYSSOP (Hyssopus officinalis) Perennial. Plant in a short row, preferably with radishes to mark the row until Hyssop plants are established. When 2 inches tall, transplant to permanent location 12 inches apart or closer, if used for clipped border. Leaves are used to flavor liqueurs and as a condiment. Oil from seeds is used in perfumery.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

H-12 TRUE LAVENDER (Lavendula officinalis) Tender Perennial. Probably the best known of all herbs. Dried flowers and seeds used in sachets, the oil distilled from them in perfumes. Seed in early spring with radishes to mark the rows. Transplant when plants are 2 inches tall. Protect during severe winter weather.
Pkt., 25c; ¼ oz., 95c; ½ oz., $1.75

H-13 ROSEMARY (Rosmarinus officinalis). Tender Perennial. Dried leaves taken from the plants just before flowering are universally popular for flavoring of meats, dressing, etc. Plant seeds in early spring in a short row. Transplant when 2-3 inches tall at least 12 inches apart. Prune severely in fall and plant and grow in pots inside over winter.
Pkt., 25c; ¼ oz., 80c; ½ oz., $1.50

H-14 SAFFRON (False) (Carthamus tinctorius) Annual. Plant seeds after danger of frost has passed in rows 24-30 inches apart. Thin to one plant every 5 inches. The very delightful bright yellow flowers are used for coloring rouge and dying cloth.
Pkt., 25c; ½ oz., 75c oz., $1.35

H-15 SAGE (Salvia officinalis) Hardy Perennial. Plant seeds as early as the ground can be worked in the spring in rows 24-30 inches apart and thin to one plant every 6-8 inches. It will grow 2 feet tall and has a tendency to sprawl. Pick leafy tops and allow to dry in well ventilated shade. A very familiar seasoning for meats, dressings, etc.
Pkt., 25c; ½ oz., 75c; oz., $1.35

H-9 SWEET FENNEL (Foeniculum officinalis) Annual. Plant seeds in early spring in rows 18-24 inches apart and thin plants to 4 inches apart in the row. The seeds are used as a condiment and the leaves and stems for their anise-like flavor.
Pkt., 25c; ½ oz., 50c; oz., 90c

SWEET MARJORAM. Pkt., 25c; Plant, 65c

H-18 SWEET MARJORAM (Majorana hortensis). Tender Perennial. Grown in the north as an annual. The seeds are planted in rows 18-24 inches apart and thinned to one plant every 6 inches in the row. Either fresh or dried leaves are used for seasoning soups, stews, meat pies, etc. Use fresh at any time. Cut leafy stems for drying at the time of flowering.
Pkt., 25c; ¼ oz., 50c; ½ oz., $1.10

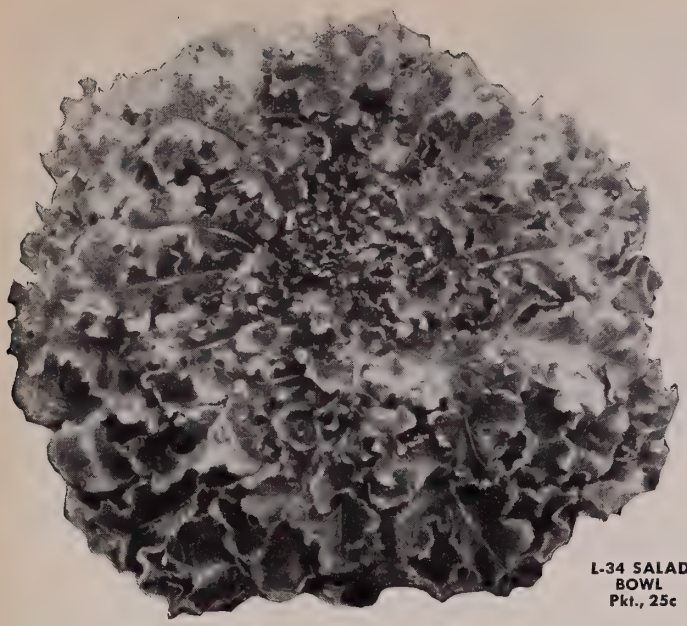
H-16 SUMMER SAVORY (Satueria hortensis) Annual. Plant seeds in rows 18-24 inches apart after danger of frost is past. Thin to one plant every 2-3 inches. Summer Savory is widely used as seasoning in salads, stews and with vegetables. The leafy tops are cut when the plants are in bud and dried in the shade.
Pkts., 25c; ½ oz., 50c; oz., 90c

H-19 THYME (Thymus vulgaris) Perennial. Plant seeds in the early spring in short rows with radishes. When plants are 1½—2 inches tall, transplant to their permanent location. Thyme is widely used as seasoning in salads and stews and adds flavor freshness to canned soup. Pick leafy shoots and flower clusters when first blossoms open and dry in airy shade.
Pkt., 25c; ¼ oz., 80c; ½ oz., $1.50

H-23 RUSSIAN TARRAGON (Artemesia caucasia) Perennial. A hardy aromatic herb, grown mainly for its medicinal properties. Sow in March at 60°. Transplant in May to final location. Good background plant.
Packet 25c; ¼ oz., 50c; ½ oz., $1.10

HOW TO COOK WITH HERBS THE WAY THE EXPERTS DO:

1. Use herbs sparingly. It is better to use too little rather than too much. Never overpower the basic flavor of the food
2. When blending several herbs, always emphasize one flavor only and make the other flavors less pronounced.
3. Dried herbs are four times stronger than fresh. Use 1 tablespoon fresh when recipes call for 1 teaspoon dried.
4. Pressure cooking and aluminum foil baking holds herb flavors, but the delicate aroma and flavor may be lost by extended open cooking. In open cooking, add herbs during the last half hour.
5. Cut or chop the leaves of fresh herbs very fine with a sharp knife.



L-34 SALAD BOWL Pkt., 25c

L-16 LETTUCE GREAT LAKES Pkt., 25c.

Lettuce for Salads All Season

One Packet of seed will sow 20-25-foot row. One ounce, 150 feet

SOW as soon as soil can be prepared, ½ inch deep, 5 seeds to an inch. Feed well, to make it grow fast. Thin out at first to stand an inch apart; then use alternate plants until leaf varieties stand 8 inches, heading varieties 12 inches apart. Make succession sowings to prolong harvest, omitting the midsummer period.

LEAF VARIETIES

L-33 RUBY. 45 Days. The leaves of Ruby are a bright showy red and curled and frilled. The plants are so decorative that they actually add to a flower garden. All America Winner in 1958.
Pkt., 25c; ½ oz., 55c; oz., $1.00

L-34 SALAD BOWL. 45 Days. Gold Medal Winner. All America 1952. A good quality new home garden lettuce. Pkt., 25c; ½ oz., 70c; oz., $1.25

L-28 OAK LEAF. 40 Days. Since we revived this excellent old variety, it has become the most popular leaf lettuce for home gardens from coast to coast. The rich dark green of its leaves, its tenderness and resistance to hot weather, are all outstanding. We consider it best of the leaf type for home gardens.
Pkt., 20c; ½ oz., 45c; oz., 75c

L-7 BRONZE BEAUTY. 40 Days. This may be described as Oak Leaf with a bronze tinge in its leaves. As early as Oak Leaf, and equally tender, with a delightful nutty flavor. Its leaves bleach to cream in the heart, and the soft green of the tips is suffused with ruddy bronze. Pkt., 25c; ½ oz., 60c.

L-5 BLACK SEEDED SIMPSON. Matures in about 46 Days. Its large rich green leaves are thin, tender, and crisp. It is one of the most vigorous varieties in hot weather and slow to run to seed. It is especially adapted to the home garden.
Pkt., 15c; ½ oz., 35c; oz., 55c

L-15 GRAND RAPIDS. 45 Days. This home garden favorite, also extensively planted for hotbed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season. Pkt., 15c; oz., 55c.

L-14 GRAND RAPIDS RESISTANT. 50 Days. Has a tendency to form heads when grown outdoors. Leaves more savoyed than the regular Grand Rapids.
Pkt., 15c; ½ oz., 45c; oz., 75c

L-11 EARLY CURLED SIMPSON. (White Seeded Simpson). 45 Days. Very hardy and dependable; particularly popular for home gardens.
Pkt., 15c; ½ oz., 35c; oz., 55c

L-30 PRIZEHEAD. 47 Days. Quick growing and popular for home gardens, plant medium large, strictly loose leaf, outside leaves tinged red, inner leaves wholly green.
Pkt., 15c; ½ oz., 35c; oz., 55c

BUTTER HEAD VARIETIES

L-9 MATCHLESS LETTUCE. 55 Days. A distinct ★ type that has an open loose head. Matchless has the quality of Bibb and it does not bolt and tolerates heat. It is superior for the home garden. If you have room for only one lettuce be sure that it is Matchless.
Pkt., 25c; ½ oz., 55c; oz., $1.00

L-6 BIBB (LIMESTONE). 57 Days. A small headed ★ lettuce of excellent quality, popular in the middle south for many years. Leaves smooth, dark green, a favorite with chefs of luxury hotels.
Pkt., 25c; ½ oz., 45c; oz., 75c

L-23 MAY KING. 63 Days. Very early variety. The outer leaves are tinged with brown; they fold close, permitting close planting in frames—tender yellow heart. Pkt., 25c; ½ oz., 55c; oz., $1.00.

L-31 BIG BOSTON. 75 Days. Large heads of bright green leaves, very tender.
Pkt., 25c; oz., 60c.

CRISP HEAD VARIETIES

L-32 PENNLAKES. 75 Days. An All America winner, 1949. An early heading lettuce that is particularly well adapted to midwestern and east coast growing. Commercial head lettuce type.
Pkt., 25c; ½ oz., 55c; oz., $1.00.

L-16 GREAT LAKES. 75 Days. Plant large and vigorous and of good size and attractive color, is resistant to tip burn and stands up well under hot weather. The leading commercial variety for midwestern growing.
Pkt., 25c; ½ oz., 55c; oz., $1.00.

L-20 IMPERIAL No. 456. 80 Days. Developed by Cornell Experiment Station as a variety suitable for those who wish to grow commercial head lettuce in July and August.
Pkt., 25c; ½ oz., 55c; oz., $1.00.

L-6 LETTUCE BIBB. Pkt., 25c.

CRISP HEAD VARIETIES—Continued

L-18 ICEBERG. 84 Days. This makes a small loose head. It is an excellent home garden variety, but should not be confused with the hard headed commercial varieties.
Pkt., 15c; ½ oz., 45c; oz., 75c

L-10 CRISP AS ICE. 74 Days. Small dark green head overlaid with dark brown crumpled leaves, does not get bitter in hot weather.
Pkt., 25c; ½ oz., 55c; oz., $1.00.

ROMAINE OR COS VARIETIES

This type of lettuce forms upright loose folding heads, and the inner leaves bleach white. Esteemed the finest in flavor.

L-12 EXPRESS COS. In 70 Days. A Vaughan introduction. The most dwarf and earliest of all, leaves ★ dark green. Delicious flavor. Self-closing.
Pkt., 25c; ½ oz., 45c; oz., 75c

L-29 PARIS WHITE OR TRIANON. In 75 Days. Grows to large size. Self-closing.
Pkt., 15c; ½ oz., 40c; oz., 70c

Cress

For Luxury Salads & Garnishing

One packet of Water Cress will grow 20-25 plants, ½ ounce, 200 plants. Packets of Curled Garden and Upland Cress will sow 15-20 foot of row; an ounce, 100 feet.

Start water cress in a shady place in a tub after danger of frost. Put 1-2 inches of soil in the bottom, sow seeds ½ inch deep. Carefully add water until the soil is covered by one inch of water and keep at this level until plants grow above the water. Then transplant to stream or pond in 3-5 inches of water.

Upland and Curled Garden Cress are planted not over ¼ inch deep in the garden in early spring in rows 10 inches apart, 5-10 seeds per inch.

C-155 WATER CRESS (TRUE WATER). A distinct variety with small oval leaves. It thrives best when roots and stems are submerged in water.
Pkt., 25c; ¼ oz., 70c; ½ oz., $1.25

C-154 UPLAND CRESS. 50 Days. Has highly prized flavor of Water Cress. Green all year; ready for use before any other salad.
Pkt., 15c; ½ oz., 40c; oz., 70c

C-153 CURLED GARDEN CRESS. 50 Days. Used with lettuce it adds an agreeable pungency.
Pkt., 15c; ½ oz., 30c; oz., 50c

Corn Salad

For Luxury Salads & Garnishing

A packet will plant 20 foot of row, an ounce, 150 feet

Plant in September for fall and winter harvest or in very early spring for spring use. Sow seed in rows 18 inches apart, 3-5 seeds per inch. Thin to one plant every 6 inches.

C-151 (Fetticus or Lamb's Lettuce). 45 Days. Makes a most refreshing salad, hardy, much used in winter in place of lettuce.
Pkt., 25c; ½ oz., 45c; oz., 75c

Onions to Please Every Palate

SETS

SETS are small onion bulbs artificially dwarfed by being sown thickly in rows, and stored over winter to be planted the next spring. The sets grow considerably faster than seed and green onions or bulbs can be harvested earlier than if grown from seed. Our sets of the following varieties are choice, small, dry and unsprouted. In planting sets for bunching onions, use 2 lbs. for 50 feet of row. For bulbs, space them 2-3 inches apart. Many varieties will not form bulbs if the plants are too close together.

Onion sets prices postpaid.

FOR SPRING PLANTING

O-32 WHITE BOTTOMS. See White Portugal for description. Minimum order, 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00

O-34 YELLOW BOTTOMS. See Ebinezer for description. Minimum order, 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00

O-31 RED BOTTOMS. See Large Red Wethersfield. Minimum order, 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00

O-30 GOLDEN GLOBE. See Golden Globe for description. Minimum order, 2 lbs., $1.35; 5 lbs., $2.50; 10 lbs., $4.50

O-35 YELLOW MULTIPLES, SHALLOTS. Especially valuable for the first early spring onions. They are very mild and sweet, and there are usually several stalks from a single bulb. Minimum order, 2 lbs., $1.50; 5 lbs., $3.75; 10 lbs., $6.50

G-2 Garlic Sets, see page 19, Lb., $1.50.

FOR FALL PLANTING

EGYPTIAN PERENNIAL SETS (Top Sets)

O-29 EGYPTIAN OR RED PERENNIAL. For fall planting only. This variety never forms a large bulb; Produces green onions for early spring use. Planting once will give green onions several years. We sell sets in fall only, to be planted for early spring crop. Postpaid, 2 lbs., $1.50; 5 lbs., $3.50; 10 lbs., $6.00

SWEET SPANISH TYPE

O-22 YELLOW SWEET SPANISH (Utah Strain). 110 Days. A sweet, mild giant onion. From seed sown direct in the garden it will produce onions weighing a pound; if started in the hot bed two pounds. Pkt., 25c; ½ oz., 70c; oz., 1.25.

O-21 WHITE SWEET SPANISH. 110 Days. Bulbs are large and globe shaped with excellent mild flavor and often weighing 1½ pounds each. Must be planted early for best results. Pkt., 25c; ½ oz., 75c; oz., $1.25.

O-12 MAGNIFICO HYBRID. 110 Days. A yellow ★ Sweet Spanish type that will mature onions larger and sweeter than the regular strain. More vigor is evident all during the growing season. Pkt., 35c; ½ oz., $1.25; oz., $2.25.

OP-1 HYBRID SWEET SPANISH ONION PLANTS. ★ (For exhibition onions). These are for shipment from March 20 to May 1st and will produce the largest onions that can be grown. Minimum order 2 bunches, $1.25; 10 bunches, $5.00.

ONIONS are among the most versatile of vegetables. Consider the many important uses. Onions provide one of the most universally-liked flavorings for other foods. As a complete vegetable course, they can be cooked up in any number of appetizing ways. In salads they are wonderful taste-teasers. And pickled onions can always be relied upon to spark up a meal. And let's not forget how vital onions are to hamburgers! Yes, onions are extremely useful and desirable and that's why Vaughan's list such a fine, wide selection for your garden.

All onions require a long growing season and good bulbs form only after exposure to variable day lengths. Some varieties will not even form bulbs in northern day lengths; all listed here will form bulbs in the north except Crystal White Wax, Bermuda Type, which is a southern variety.

Plant seed for all purposes as early as the ground can be worked. Sow seeds about ¼ to ½ inch deep. To grow sets or pickling onions, use an ounce of seed for 5 feet of row. To grow bunching onions from seed, 1 ounce will plant 100 feet of row. To grow onions for storage, plant 1 ounce per 150 foot of row and thin to one plant every 2-3 inches.

WINTER KEEPERS

O-24 AUTUMN SPICE HYBRID. 105 Days. A new ★ hybrid in 1952. An excellent keeping Southport type onion with a beautiful dark skin. The bulbs are extra hard and the flesh is pungent and a creamy white.
Pkt., 35c; ½ oz., 95c; oz., $1.75.

GOLDEN GLOBE. 115 days from seed to bulbs. 90 days from seed to sets. 30 days from sets to bunching or pickling. 80 days from sets to bulbs. Mainly grown from seed or sets for the exceptionally fine yellow globe shaped onions of excellent keeping quality. Very productive.

O-10 Seed. Pkt., 25c; ½ oz., 55c; oz., $1.00.

O-30 Sets. Minimum order 2 lbs., $1.35; 5 lbs., $2.50; 10 lbs., $4.50.

O-13 DOWNING YELLOW GLOBE, Vaughan's ★ Strain. 110 days. A round onion very uniform in shape, size and color. The keeping qualities and excellent flavor and appearance make it popular with commercial growers and home gardeners. Pkt., 25c; ½ oz., 75c; oz., $1.25.

O-19 SOUTHPORT YELLOW GLOBE. BALL TYPE. 110 Days. Superior for muck soil, a fine keeper that is preferred by large onion growers. Pkt., 25c; ½ oz., 55c; oz., $1.00.

O-18 SOUTHPORT RED GLOBE. About 110 Days. A perfect globe shape, deep red skin and tinted white, one of the best winter keepers. Pkt., 25c; ½ oz., 55c; oz., $1.00.

LARGE RED WETHERSFIELD. This is a red skinned variety very similar to Ebenezer in maturity dates, uses, and description. Possibly somewhat milder than either Ebenezer or White Portugal when grown under adverse conditions.

O-14 Seed. Pkt., 25c; ½ oz., 45c; oz., 80c.

O-31 Sets. Minimum order 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00.

O-20 SOUTHPORT WHITE GLOBE. About 110 Days. A strikingly handsome onion; early, ripens evenly and is a fine keeper; the small, high-bred neck tells the story of quality; it is a true globe, pure white. Pkt., 25c; ½ oz., 55c; oz., $1.00.

Bunching and Pickling Types

WHITE PORTUGAL OR SILVERSKIN. For number of days see the variety Ebenezer. Used for all purposes like Ebenezer. Actually the variety is a white skinned Ebenezer and is the best keeping of all white varieties.

O-25 Seed. Pkt., 15c; ½ oz., 45c; oz., 80c.

O-32 Sets. Minimum order, 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00.

ONION SOUTHPORT YELLOW GLOBE. Pkt., 25c

EBENEZER. 100 days from seed to bulbs. 50 days from seed to bunching. 80 days from seed to sets or pickling. 30 days from sets to bunching. 70 days from sets to bulbs. Probably the most universally used to all onion varieties. Bulbs pungent, excellent avored, flat shaped, and good keeper. Green onions grown rapidly from seed or sets are mild.

O-8 Seed. Pkt., 15c; ½ oz., 45c; oz., 80c.

O-34 Sets. Minimum order, 2 lbs., $1.25; 5 lbs., $2.25; 10 lbs., $4.00.

O-23 WHITE LISBON. The best green Bunch Onions from seed are grown from White Lisbon, producing tender, long, white tops. If hilled a little these green and white stalks may be consumed entirely. Does not get tough like the White Welch or Winter top. Pkt., 25c; ½ oz., 55c; oz., $1.00.

O-11 HE-SHI-KO. 50 Days. An early bunch onion, deserving of more popularity, is hardy and may be sown either spring or fall. A fall sowing will produce green onions very early in the spring. Pkt., 25c; ½ oz., 55c; oz., $1.00.

BERMUDA TYPE

O-7 CRYSTAL WHITE WAX. In about 90 Days. This is a pure white flat onion, very popular in the south, especially in Texas. Will make only small onions in the north from seed. Very sweet Pkt., 15c; ½ oz., 45c; oz., 80c.

CHIVES

C-98 Allium schoenophrasm, see page 17, Pkt., 25c.

LEEKS

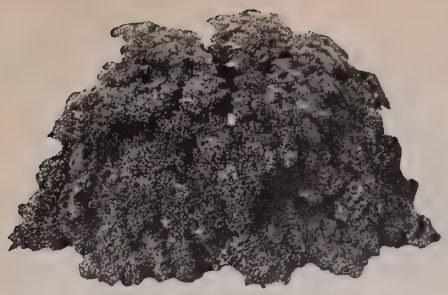
L-2 LEEK ELEPHANT. Pkt., 15c

Leeks are better if transplanted. Use a dibber, set the plant deep in the hole and let the soil wash in. 130 Days.

L-2 ELEPHANT. Largest of all leeks. Pkt., 15c; ½ oz., 60c; oz., $1.00

L-4 LARGE MUSSELBURG. Enormous broad leaves, mild flavor. Good exhibition sort. Pkt., 25c; ½ oz., 75c; oz., $1.25

L-1 BROAD SCOTCH OR LONDON FLAG. Hardy; a strong plant, with broad leaves. Pkt., 25c; ½ oz., 75c; oz., $1.25



P-30 PARSLEY, Champion Moss Curled. Pkt., 15c

Parsley

A packet will sow 30-40 ft. of row, an ounce 200 feet.

PARSLEY should be sown early because it is very slow to germinate; and it is best to use radish seed mixed with the parsley seed to mark the rows. Parsley is one of the richest of green vegetables in vitamin A, and iron.

The rooted parsley provides excellent flavoring for soups and stews.

P-30 CHAMPION MOSS CURLED. In about 70 Days. Robust, compact plants; the leaves are very crumpled and curled, with rich, green color. It is quite hardy.
Pkt., 15c; ½ oz., 30c; oz., 45c.

P-34 VAUGHAN'S XXX. 75 Days. Plant ★ compact, leaves dark green and so finely cut and closely curled as to resemble tufts of moss. Many of our customers plant it as a border.
Pkt., 25c; ½ oz., 45c; oz., 75c.

P-33 PLAIN OR ITALIAN. 72 Days. Not curled. However, the flavor is excellent and plant is very hardy. Pkt., 15c; ½ oz., 30c; oz., 45c

P-32 HAMBURG ROOTED. 90 Days. Resembles a small parsnip. Used for flavoring soups. Our strain is exceptional. Pkt., 15c; ½ oz., 30c; oz., 45c

Parsnips

A packet will sow 25 feet of row, an oz., 150 feet.

PARSNIPS may be harvested at times when the ground has little else to offer. Let them remain in the ground over winter, and dig them during a thaw or when the spring thaw comes—they will be as sweet and tender as ever. A freeze is required to sweeten them.

P-42 ALL AMERICAN (Marrowfat). 95 Days. This variety produces roots of uniform good size, fine shape, clean, smooth skin. In flavor it is unequalled. For exhibition it is a winner.
Pkt., 15c; oz., 35c.

P-40 HOLLOW CROWN, LONG SMOOTH. About 95 Days. Tender and sugary; one of the best.
Pkt., 15c; oz., 35c.

P-40 PARSNIP, HOLLOW CROWN. Pkt., 15c

P-11 LITTLE MARVEL PEA. Pkt., 20c

Fresh Peas Are Sugar Sweet

Vaughan's Strains Produce Heavy Yields of Large Size, Higher Quality Peas. One packet sows 15 feet of row, one pound, 100 feet of row

PEAS are rich in sugar, which begins to turn to starch as soon as they are picked. So cook and serve as soon as possible after picking and the flavor will surpass any you have ever tasted. If you cannot use immediately, be sure to keep them in the refrigerator.

Where hot dry summer weather cuts short the crop, the problem is to get the heavy yield, large size and sugar content of the late sorts into early yielding varieties which will bear a crop before the summer's drought arrives. Our strains are selected for these qualities.

Sow as early as the ground can be prepared, 2 inches deep, two inches apart in row, or in twin rows, 6 inches apart, with support between. Crop must mature before hot weather.

P-17 WANDO. 64 Days. A high quality heat ★ resistant pea that is adapted to fall planting as well as spring.
Pkt., 25c; ½ lb., 60c; lb., 85c

P-11 LITTLE MARVEL. 64 Days. The most satisfactory pea in the average home garden. The big point in its favor is that it remains in prime picking condition a week longer than the older sorts. Very productive, hardy, luscious and sugary. Vine 18 inches, pod dark green, well filled. Pkt., 20c; ½ lb., 55c; lb., 75c.

P-7 GIANT STRIDE. 74 Days. Pea blight is a wilt affecting peas when they are planted too often in the same ground. You will find Giant Stride nearly 100% resistant, as well as of top quality and a heavy yielder.
Pkt., 25c; ½ lb., 60c; lb., 85c

P-12 NOTT'S EXCELSIOR PREMIUM GEM. In 60 Days. Vines about 16 inches high, pods about 3 inches long, each containing 5 to 7 peas of good size, tender and delicious. Pkt., 20c; ½ lb., 55c; lb., 75c.

P-1 ALASKA—CALLED EARLIEST OF ALL. In about 57 Days. Alaska seed is bluish in color and smooth. This is the earliest pea to mature and is used extensively in Wisconsin for canning.
Pkt., 20c; ½ lb., 55c; lb., 75c

P-10 LAXTON'S PROGRESS HUNDREDFOLD. 62 Days. The earliest and by far the best of the large-podded, large fruited wrinkled peas. Of all the varieties producing peas of equal quality, this is the heaviest yielding. It bears long pods, averaging one more pea to the pod than Hundredfold.
Pkt., 20c; ½ lb., 55c; lb., 75c

P-15 WORLD'S RECORD OR IMPROVED GRADUS. 57 Days. Gradus is the greatest of the wrinkled peas; it is large early, and in flavor equal to the best wrinkled kinds. It is tender and should be planted in the warmest spot in the garden. Vines 30 inches, pods 4 inches long, beautiful green color, with 7 to 8 or more rich, tender peas in each.
Pkt., 25c; ½ lb., 60c; lb., 85c

P-5 DWARF TELEPHONE OR DAISY. About 76 Days. A midseason maturing sort of merit; vines are dwarf and bear large, bright green pods, each containing 8 to 10 peas of finest quality. This is a splendid variety, of which we offer a high-class reselected stock.
Pkt., 25c; ½ lb., 60c; lb., 85c

P-9 IMPROVED TELEPHONE. 74 Days. Uniformly large pods, 5 inches or more long, filled with 8 to 9 delicious peas. Grows 4 feet high; is a main crop variety, and a heavy yielder. Pkt., 20c; ½ lb., 55c; lb., 75c.

P-14 THOMAS LAXTON. About 62 Days. The best ★ pea for freezing. This is a selection of Gradus. The season is identical, but the pods are square at the end and deeper green. Vines are 3 to 3½ feet high. A better yielder than Gradus. Pkt., 20c; ½ lb., 55c; lb., 75c.

EDIBLE POD PEAS

Cooked Like String Beans

P-4 DWARF GRAY SUGAR. About 65 Days. The pods, not the seed of this variety are eaten. They are borne on vines 16 inches tall, and should be picked before seeds form. At this stage they are: stringless, brittle and succulent. Pkt., 25c; ½ lb., 60c; lb., 85c.

S-437 NITRAGIN

Inoculate Your Beans and Peas

The roots of legumes, which include peas and beans, are the hosts of bacteria which secrete nitrogen from the air. This process is speeded up by applying Nitragin, the original legume inoculation culture. S-437 Garden Size for peas, sweet peas, garden and lima beans. Pkt. 25c, postpaid 30c. Each packet treats 5 lbs. of seed.

Kohlrabi

A packet will sow 30-40 ft. of row an oz., 200 ft.

SOW in April or May in rows, thin to 8 inches. The globular fruits grow above ground, are stripped and cooked like turnips, but are much sweeter.

VIENNA KOHLRABI EARLY WHITE. Pkt., 20c

K-11 EARLY WHITE VIENNA. 55 Days. White and tender. Pkt., 20c; ½ oz., 40c; oz., 70c

K-10 EARLY PURPLE VIENNA. About 60 Days. Same as the white except that shoulder and leaves are tinged with purple. Pkt., 20c; ½ oz., 40c; oz., 70c

Kale or Borecole

A packet will sow 20-25 feet of row, an ounce 150-200 feet.

GREENS for early fall, winter and spring. Sow seed about middle of June, later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later. Frost improves flavor.

K-1 DWARF GREEN CURLED. In about 55 Days. Leaves curly as Parsley, tender and very fine flavor. Immense quantities produced in south find ready sales in the north.
Pkt., 15c; ½ oz., 30c; oz., 50c

K-3 TALL GREEN CURLED. About 75 Days.
Pkt., 15c; ½ oz., 30c; oz., 50c

2458 FLOWERING KALE, Pkt., 25c.

MUSTARD

A packet will plant 25 foot of row. One ounce 200 foot.

LEAVES useful as salad or boiled like Spinach. Matures in 30 Days. Thin to 1 plant every 6 inches. Grow during cool weather in spring or fall.

M-71 GREEN WAVE. Like Giant Southern Curled Long Standing but will hold its quality longer.
Pkt., 20c; Oz., 60c ¼ lb., $1.75

M-76 TENDERGREEN. A variety of greens, producing only a small root, but large green leaves having a small rib. It is ready for table or market in 21 to 25 days and will produce 8 to 9 crops a year.
Pkt., 15c; oz., 30c; ¼ lb., 90c

M-72 FLORIDA BROADLEAF. Upright growing, deep green leaves, fairly smooth. Desirable for greens because of the ease of preparing and its pleasant pungent flavor.
Pkt., 15c; oz., 30c; ¼ lb., 90c

M-73 GIANT SOUTHERN CURLED LONG STANDING. Large leaves often measure 14 inches; ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves boiled like spinach.
Pkt., 15c; oz., 30c; ¼ lb., 90c

Okra

Quantity needed for 15 ft., 1 pkt.; 50 ft., 1 oz.

O-2 OKRA DWARF LONG POD. Pkt., 15c

OKRA is a hot weather plant, but can be grown in the North. The pods should be gathered each day while still tender and pulpy.

For best results in the north sow seeds indoors in 3-inch peat pots; 2 seeds per pot about 4 weeks before frost-free date. Thin to 1 plant after germination. After the ground warms, plant peat pots in the garden 2 feet apart in rows three feet apart.

O-3 TALL OR PERKINS MAMMOTH. 68 Days. The long pods, measuring 4 and 5 in. are produced in great quantities.
Pkt., 15c; oz., 30c; ¼ lb., 90c

O-2 DWARF LONG POD. 65 Days. Low, stocky and productive, with long pods.
Pkt., 15c; oz., 30c; ¼ lb., 90c

O-1 CLEMSON SPINELESS. 55 Days. Similar to Dwarf Long Pod; a little taller bush, having longer and darker pod.
Pkt., 15c; oz., 30c; ¼ lb., 90c

O-4 WHITE VELVET. 70 Days. Produces pods larger than any other.
Pkt., 25c; oz., 50c; ¼ lb., $1.50

Peppers, Sweet or Hot

One packet will grow 75 plants; 1 oz., 1,000 plants

Sow seed ¼ inch deep in flats indoors 8 or 9 weeks before warm frost-free weather. When the first true leaves begin to form, transplant into 2¼ inch "Plant-a-Pots." Grow plants with as much light as possible and after all danger of frost has passed plant in the garden about 18 inches apart.

The leaves of peppers are a bright shiny green and the plants are well formed. Insects seem to disregard them and disease is seldom more than a minor problem. For this reason the vegetable can be grown as a background plant in the fanciest flower garden.

P-61 PEPPER SWEET BANANA. Pkt., 25c

P-66 WISCONSIN LAKES. 68 Days. A new early ★ heavy yielding block-shaped green pepper bred at the University of Wisconsin. It is particularly suited to the northern area, and has given heavy yields on both sandy and clay soils.
Pkt., 35c; ¼ oz., 70c; ½ oz., $1.25

P-62 ALL BIG (Illinois F-5). 65 Days. An early maturing all-purpose variety with thick meated fruits.
Pkt., 25c; ¼ oz., 60c; oz., $1.10.

P-52 CALIFORNIA WONDER. 75 Days. A mild ★ sweet variety, very large. It resembles Chinese Giant in form, but has much thicker flesh. Fruits are dark green until they reach full size then they turn crimson. Pkt., 20c; ¼ oz., 50c; ½ oz., 90c.

P-57 EARLY CALIFORNIA WONDER (Calwonder) 65 Days. A quality giant, is recommended for the home garden. Mild, sweet, mid-season, it produces fruits 4 x 4½ inches with thick flesh a deep green changing to bright crimson.
Pkt., 20c; ¼ oz., 55c; ½ oz., 95c

P-53 CAYENNE. 70 Days. Long, red, hot.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

P-58 GIANT MAGNUM DULCE. 67 Days. This mild pepper grows to 7 inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the first buds.
Pkt., 20c; ¼ oz., 55c; ½ oz., $1.00

P-75 GOLDEN CALIFORNIA WONDER. 80 Days. ★ The same as California Wonder except that the fruit are bright golden yellow until they reach full size then turn red.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

P-59 HARRIS' EARLY GIANT. 63 Days. Heavy yielder among the large peppers, also earlier. The plants are vigorous; pepper 4 x 4½ inches. Color, deep green turning to red, very sweet.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

P-60 HUNGARIAN OR BANANA—(HOT). 65 Days. A slender hot pepper much prized for canning. It is 1½ inches in diameter at the base and often 7 inches long. Yellow turning to red.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

P-61 SWEET BANANA. 65 Days. Same as above, but sweet. This is a specialty of ours. The plants are strikingly uniform and the fruits are borne in great numbers. Excellent flavor.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10.

P-68 PIMENTO PERFECTION. 73 Days. Flesh thick and very mild. Must be started early in the north to mature. Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10.

P-70 RUBY KING, KING OF THE NORTH. 68 Days. One of the most popular, growing 4½ to 6 inches long, 3½ to 4 inches thick. The peppers are green turning to a bright ruby-red and quite sharp in flavor.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

P-69 RED CHILI. 75 Days. An exceptionally prolific variety that is really hot. The fruit are thin-fleshed, very pungent light green becoming dark red when mature. Used extensively for pepper sauces, pickling and drying for winter use.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

P-71 SUNNYBROOK. 73 Days. Tomato shaped, very early and productive. Fruits 2 in. deep and 3 in. diameter, smooth, glossy, dark green, turning deep red. Flesh thick and sweet.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

P-73 YOLO WONDER. 70 Days. A new mosaic ★ resistant variety originating from a cross between California Wonder and Elephant Trunk, a mosaic resistant variety from Italy. It has all the excellent qualities of California Wonder, thick walls, dark green color turning to bright crimson, and in addition yields heavier.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

P-73 PEPPER YOLO WONDER. Pkt., 25c

SMALL SUGAR PIE PUMPKIN. Pkt., 15c

Pumpkins

A packet will plant 5 or 6 hills, an ounce 20-25.

SOW when the ground is warm and give the plants room to ramble. The partial shade of the sweet corn plot is ideal. A few hills will provide amply for pies and Jack O'Lanterns.

Squash bugs can be a real menace to pumpkins. They are about the size of the little fingernail and dark brown in color. If observed, spray or dust with Vaughan's Tomato and Vegetable Dust.

P-97 SMALL SUGAR OR PIE. 110 Days. Well ★ known as the best pie pumpkin. The fruit is small to medium size, with solid fine grained flesh, and a sweet, sugary, delicious flavor.
Pkt., 15c; oz., 45c.

P-98 HALLOWEEN OR JACK O LANTERN. 110 Days. Ideal size and shape for Jack O'Lanterns. In addition has fine cooking quality.
Pkt., 25c; oz., 50c.

P-91 STRIPED CUSHAW. 110 Days. A favorite pumpkin for pies, having no seeds in the neck, all being confined in the enlarged portion near the blossom end.
Pkt., 25c; ½ oz., 30c; oz., 50c.

P-96 MAMMOTH PRIZE. About 120 Days. Specimens have grown to 100 lbs.; notwithstanding, it is among the best pie pumpkins. Flesh fine grained, sweet and tender. Requires a long season and plenty of room (one plant to a hill).
Pkt., 15c; oz., 50c.

P-95 LARGE FIELD OR BIG TOM. 110 Days. A standard variety grown in corn fields for a feeding crop and the pumpkin generally used for canned pumpkin.
Pkt., 15c; oz., 45c.

PUMPKIN "BIG TOM." Pkt., 15c

USE RADISH SEED FOR NOVEL PURPOSES

Radishes come up very rapidly and, therefore, make an excellent row marker for vegetables that come up slowly such as; carrots, parsnips, parsley and many herbs. Just mix radish seed with any of the above and the radishes will be ready to eat about the time the other crop is coming up.

Don't use too much radish seed—3 seeds per inch used for marking rows is plenty.

Crisp Fresh Radishes

A packet will plant 15-20 feet, one ounce, 75 feet

RADISHES from April to December are possible for the home gardener who sows early, midseason, summer and winter types.

Quick growth is the secret of successful flavor and crispness. A rich, light soil is required. The globe varieties grow faster than the long types. The long types endure heat better. Winter radishes should be sown in June or later and allowed to develop in the cool moist fall weather.

Sow with earliest crops, ½ inch deep, 5 seeds to the inch.

Mostly radishes are sown too thickly and if so they must be quickly thinned to not more than 3 plants to the inch. If not thinned when young the radish bulb will not develop properly.

R-4 CHAMPION. 25 Days. This variety won an All ★ America Bronze Medal in 1957 probably because it produces tasty, bright red, firm fleshed radishes that hold their quality over a long season. Tops are short, the tap root thin, and the color and flavor excellent.
Pkt., 25c; ½ oz., 30c; oz., 50c

R-15 BURPEE WHITE. 28 Days. An excellent early large round white radish that holds its sweet flavor.
Pkt., 25c; ½ oz., 35c; oz., 60c

R-9 CHERRY BELLE. 25 Days. All America winner, ★ 1949. A very fine short topped round red radish. We offer the originators strain.
Pkt., 25c; oz., 35c; ¼ lb. $1.00.

R-10 EARLY SCARLET GLOBE MEDIUM TOP. 23 Days. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. It is ready for the table in 25 days. For the home, plant every 10 days until into June; again end of August.
Pkt., 15c; oz., 30c; ¼ lb., 90c

R-11 EARLY SCARLET GLOBE—SHORT TOP. 23 Days. Same as R-10 except tops about ⅓ shorter at all stages of growth.
Pkt., 15c; oz., 30c; ¼ lb., 90c.

R-11 RADISH SCARLET GLOBE SHORT TOP. Pkt., 15c

R-13 ICICLE. 27 Days. The finest white, which ★ remains crisp and mild long after maturity. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.
Pkt., 15c; oz., 30c; ¼ lb., 90c.

R-14 FRENCH BREAKFAST. (F.) 25 Days. Early olive-shape, 2 inches long, with slender tap root, deep red skin, white tip. Flesh is solid, sweet, crisp and tender, fine for the home garden.
Pkt., 15c; oz., 30c; ¼ lb., 90c.

R-22 CAVALIER. 23 Days. Roots are olive shaped and bright scarlet. Tops are slightly larger than short topped Scarlet Globe and it will mature just as quickly.
Pkt., 25c; oz., 45c; ¼ lb., $1.35

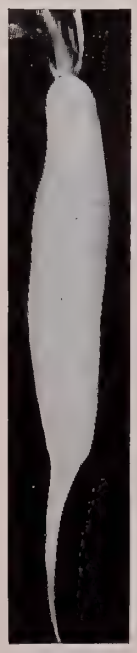
R-12 GIANT BUTTER. 28 Days. By far the ★ largest of the early globe radishes. In rich soil it will produce crisp, spicy, tender roots of perfect globe shape two inches in diameter, only a week later than the smaller globe types. It is seldom found in the market and will make your friends talk.
Pkt., 25c; oz., 50c; ¼ lb., $1.50

R-18 SPARKLER, SCARLET TURNIP WHITE TIP Pkt., 15c

R-7 CRIMSON GIANT. 28 Days. For forcing or ★ outdoor planting. Although twice the size of other forcing sorts this does not get pithy or hollow; the skin is crimson, flesh is white, tender, crisp and sweet-flavored. Sow thinly.
Pkt., 15c; oz., 30c; ¼ lb., 90c.

R-3 BRIGHTEST LONG SCARLET, CINCINNATI MARKET. 28 Days. A long red radish, short top. If your market uses a long sort try this one.
Pkt., 25c; oz., 45c; ¼ lb., $1.35

R-18 SPARKLER, SCARLET TURNIP WHITE TIP (Sparkler). 26 Days. Vaughan's Selected Stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip, and is a high-class strain for outdoor planting. It combines beautiful appearance with finest radish quality—appealing to the eye and palate.
Pkt., 15c; oz., 30c; ¼ lb., 90c.



R-13 RADISH ICICLE Pkt., 15c

R-21 WHITE STRASSBURG. 40 Days. When hot weather comes and spring varieties would turn pithy or run to seed, this variety will keep in good condition for a long time and furnish a most welcome tang to the salad course. Sow early as it matures more slowly than other radishes. Pkt., 15c; oz., 30c; ¼ lb., 90c.

WINTER RADISHES

THESE should be sown from late in June to August, to produce the final radish crop. They grow largest of all and can be stored for some time after the ground is frozen. In spite of their size they are mild and of fine texture.

Each of the following:
Pkt., 25c; ½ oz., 30c; oz., 50c

R-16 ROSE OR SCARLET CHINA. About 52 Days. Rose, medium size, fine keeper.

R-5 CHINESE MAMMOTH OR CELESTIAL. About 60 Days. Immense size, flesh always crisp and mild.

R-1 BLACK SPANISH, LONG. 58 Days. Black skin and white flesh.

R-2 BLACK SPANISH, ROUND. 56 Days. Like Long Black, only round.

• Easy to Grow • Easy to Prepare
• Rich in Vitamins • Taste Best Garden-Fresh

SPINACH—KING OF DENMARK. Pkt., 15c

Spinach

THE value of spinach in your diet has been scientifically established by the vitamin investigations. Spinach grows best in the cool, moist weather and short day-lengths of spring. Later in the summer, it cannot be grown for food because day-lengths over 13 hours cause it to form seed stalks immediately after coming up. Sow seeds as early as possible in spring in rows one foot apart. Thin to six inches in the row.

For a fall crop, sow in late July or August to take advantage of cool, moist and short Autumn days so favorable to growth.

One packet of these heavy-yielding seeds sows 20-25 feet of row; one ounce, 75-90 feet.

S-10 HYBRID SPINACH No. 7. 42 Days. Plant upright and semi-compact in habit. Foliage dark green, medium savoyed, resistant to Blue mold and mosaic. Especially adapted for early Spring or Fall.
Pkt., 25c; Oz., 50c; ¼ lb. $1.50.

S-13 AMERICA. 45 Days. All America Silver Medal winner. An extremely long-standing variety with Savoy type leaves, latest of this type. Excellent flavor and texture.
Pkt., 25c; oz., 35c; ¼ lb., $1.00.

S-9 NOBEL GIANT VIKING. 45 Days. The largest spinach under cultivation. It grows rapidly and remains in good condition a long time. The medium-green leaves are large, rounded, slightly crumpled, succulent and tender. It is an excellent home garden spinach.
Pkt., 15c; oz., 30c; ¼ lb., 90c

S-7 KING OF DENMARK (Antvorskov). 48 Days. In our trials this variety has been slower to run to seed than any other sort. Antvorskov forms quite large tufts (or rosettes) compact and low. The numerous leaves are extra large, broad and rounded, exceedingly bushy, slightly crumpled and of a glossy dark green color. Pkt., 15c; oz., 30c; ¼ lb., 90c

S-6 BLOOMSDALE LONG STANDING. 45 Days. ★ Improvement was accomplished through the selection of bisexual plants which seed more slowly than the unisexual. This variety is of better quality than the Antvorskov (King of Denmark), having larger, Savoy type leaves.
Pkt., 15c; oz., 30c; ¼ lb., 90c

SINGLE PLANT OF NEW ZEALAND SPINACH. Pkt., 15c

S-8 NEW ZEALAND SPINACH. Tetragonia Expansa. 60 Days. While this is not a member of the Spinach family proper, it furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Both the leaves and the stalks of the plant are very fleshy and extremely brittle and of the finest quality when cooked. Sow as soon as the garden is prepared in rows 3 feet apart and thin the plants to stand 2 feet apart in the rows. Soak the seed before sowing.
Pkt., 15c; oz., 35c ¼ lb., $1.00

Swiss Chard

Packet plants 15-20 ft. of row, oz., 50-60 ft.

S-87 SWISS CHARD. Large White Rib Pkt., 15c

This vegetable gives maximum returns for little care and space; it yields a constant crop from July to Winter. The leaves are used for greens the same as spinach or beet tops. Sow early in spring in rows 16 inches apart, and thin out to 6 inches in the rows. The leaves grow very large. Cut the leaves off and new ones grow quickly.

S-88 LUCULLUS. About 52 Days. Very large leaves. Popular because of its excellent flavor. Lighter green than other varieties.
Pkt., 15c; oz., 35c; ¼ lb., $1.00

S-87 LARGE WHITE RIB. (Dark Green). 55 Days. The leaf is large, smooth, dark green on a long fleshy stem, 1 to 2 inches wide.
Pkt., 15c; oz., 35c; ¼ lb., $1.00

S-86 FORDHOOK. 57 Days. This variety resembles Lucullus, but is a darker green.
Pkt., 15c; oz., 35c; ¼ lb., $1.00

S-90 RHUBARB CHARD. A recent introduction having all the chard characteristics excepting mid rib.
Pkt., 25c; oz., 50c; ¼ lb., $1.50

S-89 SUMMER SPINACH. 45 Days. Similar in growth habit to Lucullus but leaves darker green and more krinkled. Pkt., 15c; oz., 35c; ¼ lb., $1.00

Rhubarb

FROM SEED

One packet produces 25-30 plants; one oz., 250.

RHUBARB seed is planted in the spring about the time of the last frost. Seeds should be planted about ¼ inch apart and allowed to grow all summer. In the early spring of the next year plants can be transplanted to the final location.

R-27 MAMMOTH. Vigorous and productive; stalks fifteen inches long.
Pkt., 25c; ½ oz., 50c; oz., 85c

R-26 VICTORIA. A popular red strain.
Pkt., 25c; ½ oz., 50c; oz., 85c

FROM ROOT DIVISIONS

Set in spring, about 3 feet apart in rows at least 4 feet apart, and they will furnish leaf stalks the following year. Shipped Postpaid.

CHIPMAN'S CANADA RED. Stems dark red clear to heart. Makes a sweet, fine flavored red sauce.

N-6864 Divisions, Ea. $1.15; 5 for $4.95; 10 for $9.25.

N-6867 Large divisions for quicker crop, Each $1.50; 5 for $6.50

VICTORIA. A very popular garden strain.

N-6861 1-year—⅝-in. roots, 5 for $1.25; 10 for $2.15

N-6865 2-year—1½-in. roots, 5 for $1.65; 10 for $2.95.

Potato Eyes for Planting

Instead of handling 100 big seed potatoes, you can plant 100 potato eyes and grow a home garden crop with no more labor than growing beans. Vaughan's sets are cut from the finest certified seed potatoes and treated with Chaogen to eliminate seed borne diseases.

Plant 6 inches deep, 12 inches apart in rows 28 to 36 inches apart. Cultural instructions included. We offer the following varieties of top table quality for April or May shipment.

P-46 LA SOTA SMOOTH EARLY RED—good cooker, quite adaptable. 100 for $2.50 postpaid.

P-47 WHITE COBBLER—pure white, nearly round, early. 100 for $2.50 postpaid.

P-48 CHEROKEE—a new variety later than the White Cobbler, resistant to blight and scab, 100 for $2.50 postpaid.

P-49 RED PONTIAC—Red skinned with resistance to drought. 100 for $2.50 postpaid.

PROPAGATION OF PLANTS. By Kains and McQuesten. A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management. In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and the why of all processes. 639 pages. $6.00; $6.20 postpaid.

Salsify (Oyster Plant)

Packet plants 15-20 ft. of row; oz., 90-100 ft.

THOUGH not as generally grown as it should be, this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall, while those for early spring use may be left in the ground over winter.

Plant seeds about ¼ inch apart in rows 18 inches apart. Thin plants 2 to 2-3 inches apart when weeding the row the first time, before the plants get large.

S-1 MAMMOTH SANDWICH ISLAND. A very uniform strain. Grows very large: to 8 inches in length and more than 1 inch in diameter. Roots are of the best quality and flavor.
Pkt., 15c; ½ oz., 40c; oz., 75c

Tasty Squash For All Purposes

A packet will plant 5-8 hills; ½ ounce 20 hills and 1 ounce 40 hills.

Sow one inch deep, in light soil, sunny location. Space bush types 3 feet apart in row, vine types in hills six feet apart, 3 plants to hill. Use summer squash at any size, delicious in baby stage.

If squash have been grown for several years in the same garden squash bugs become such a pest that plants must be dusted or sprayed to bring them under control. Use **Vaughan's Tomato & Vegetable Dust.**

WINTER VARIETIES

S-41 WARREN TURBAN. 80 Days. Fruits are large heavily warted, bright orange red with a definite grey blossom button. The flesh is thick, of excellent quality. One of the best keepers.
Pkt., 25c; ½ oz., 65c; oz., $1.20.

S-20 ACORN, TABLE QUEEN OR DES MOINES. 80 Days. Extremely prolific; one of the most popular for home, market garden and shipping; fruits pointed acorn shape, 5½ inches long and 4 inches through; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-23 BUTTERCUP SQUASH. Pkt., 15c

S-23 BUTTERCUP. 100 Days. A distinct, outstanding ★ winter squash developed at the North Dakota Agricultural College, highly productive, unique, turban-shaped, fruits 6 to 8 inches in diameter. Dry and of excellent quality.
Pkt., 15c; ½ oz., 35c; oz., 60c

S-22 BLUE HUBBARD. 110 Days. A third larger than Improved Hubbard and more prolific. We believe that it is superior in yield, quality, size and keeping. The blue-gray shell is more attractive and many prefer it.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-21 BANANA SQUASH. In 105 Days. Of sweet potato quality, 12 inches long, 6 inches in diameter, gray green. Pkt., 25c; ½ oz., 30c; oz., 50c.

S-35 IMPROVED HUBBARD. In 110 Days. Flesh is sweet and fine grained, and fruits keep well.
Pkt., 15c; ½ oz., 50c; oz., 90c

S-45 GOLDEN HUBBARD. 105 Days. Somewhat smaller than other Hubbards. Shell bright orange, slightly warted, with deep orange flesh. Good keeper.
Pkt., 25c; ½ oz., 50c; oz., 90c.

S-24 BUTTERNUT. 100 Days. Actually the ★ "smoo" of vegetables. Excellent cooked in summer squash stage, tops when fried. Stuffed it's delicious, mashed it's as tasty as sweet potatoes. And it makes better pumpkin pie than pumpkins. Fruits are bottle shaped, orange yellow in color with a small seed cavity. They store well and can be held until spring in a cool dry spot.
Pkt., 15c; ½ oz., 35c; oz., 60c

BETTER HOMES & GARDEN'S HOUSE PLANTS. Information for both novice and experienced gardener, concerning whys and wherefores of healthy house plants—how to light, water, feed, pot and multiply them. Colored photographs and diagrams throughout the book. 158 pages, priced at $2.95.

S-22 SQUASH BLUE HUBBARD. Pkt., 15c

SUMMER VARIETIES

S-39 CASERTA. 60 Days. An Italian Cocozelle type ★ The fruits mature almost a week earlier in much greater numbers. The fruit are delicious at the size of a banana. Pkt., 25c; ½ oz., 40c; oz., 65c

S-42 VEGETABLE SPAGHETTI. 85 Days. A novelty originally from Asia. The flesh of this squash is a spiral of spaghetti-like strands of pulp and when cooked and seasoned it is delicious. When ripe fruits are a deep golden yellow.
Pkt., 25c; ½ oz., 65c; oz., $1.20

S-33 BLACK ZUCCHINI. 60 Days. A bush type and very productive. There is nothing better for slicing and frying when small; if kept picked it will continue to bear fruit until frost. Delicious in the baby stage, 3 to 6 inches long.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-34 LIGHT GREEN OR GRAY ZUCCHINI. 60 Days. Similar to Black Zucchini in all respects except that the external color is light green with faintly darker stripes. Pkt., 15c; ½ oz., 30c; oz., 50c

S-26 COCOZELLE (Italian Vegetable Marrow). Ready in about 65 Days. A bush variety. Fruits oblong, ribbed, 2 ft. in length. Color dark green with yellow and darker green stripes. Very fine flavor.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-30 BLACK BEAUTY ZUCCHINI. 60 Days. A small bush allowing close planting along with all the best qualities of Black Zucchini make this a natural for the home gardener.
Pkt., 25c; ½ oz., 65c

S-44 ZUCCA D' PERGOLA. 100 Days. Actually an edible gourd cooked and grown just like squash. Fruits 3-4 feet long, 6 inches in diameter. A real novelty.
Pkt., 25c; ½ oz., 50c; oz., 90c.

S-46 SATICOY HYBRID. F-1. 45 Days. Earliest of the crookneck varieties. Nearly free of warts; uniformly curved slender necks. Excellent quality and very productive.
Pkt., 35c; ½ oz., 75c; oz., $1.35.

S-32 MAMMOTH WHITE BUSH. About 60 Days. The leading white summer squash. It is an improvement on the "Early White Bush Scallop" in that fruits are quite a bit larger. Vines are extremely prolific and disease resistant. Fruit should be used when immature.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-36 PROLIFIC STRAIGHTNECK. 55 Days. Excels in tenderness, color and productiveness. Served when about 6 in. long, it is delicious.
Pkt., 15c; ½ oz., 30c; oz., 50c

S-37 GIANT YELLOW SUMMER CROOKNECK. In about 55 Days. Our strain produces fruit, nearly double the size of the old "Crookneck." (Cucurbita Pepo.) Pkt., 15c; ½ oz., 30c; oz., 50c

S-38 YELLOW SUMMER CROOKNECK. Popular for home, market garden and shipping. Fruits are 12 to 14 inches long and 3½ inches through; neck curved, skin orange, flesh yellow, moderately warted.
Pkt., 15c; ½ oz., 30c; oz., 50c

Tobacco Seeds

START plants about 6 weeks before the last frost date in the spring in a hotbed or greenhouse. Transplant to the garden after danger of frost is over. Plant 18 inches apart in rows 30-36 inches apart.

T-3 CONNECTICUT SEED LEAF. Best adapted to northern states, a cigar variety. Pkt., 25c; ½ oz., 80c; oz., $1.50

T-2 BURLEY. Used mainly for wrapping cigars. Pkt., 25c; ½ oz., 80c; oz., $1.50

Turnips

A packet will plant 40-50 feet of row; an ounce 300 feet.

TURNIPS are cool weather plants and thrive best in Spring and Fall. For early use, seed should be sown as soon as the ground can be prepared; it will give roots large enough for the table in six to ten weeks. For the Fall crop seed should be sown June to August, and the plants will grow until freezing weather, when they should be harvested and stored.

T-93 TURNIP PURPLE TOP WHITE GLOBE. Pkt., 15c

T-93 PURPLE TOP WHITE GLOBE. 57 Days. ★ Originated from "Purple Top Flat Turnip," is extensively planted and popular for its fine qualities. The flesh is firm, fine grained, sweet and rich flavored; it is of good size, globe shaped, fine appearance, a good keeper.
Pkt., 15c; oz., 25c; ¼ lb., 75c

T-90 JUST RIGHT F-1 HYBRID. 40 Days. 1960 All ★ America Bronze Medal. Probably the finest plant breeding accomplishment of this decade. Just Right has glossy edible leaves the same as Shogoin with turnip shaped roots with the flavor and quality of Purple Top White Globe.
Pkt., 50c; ½ oz., $1.25; oz., $2.40

T-92 PURPLE TOP STRAP-LEAVED. About 46 Days. A table variety, fine, tender and deliciously flavored. It is broad shaped, medium size, white flesh, fine grain, splendid quality. Pkt., 15c; oz., 25c; ¼ lb., 75c

T-88 EARLY WHITE MILAN. In 42 Days. This can be used spring or fall. The skin is smooth, snowy white, has a polished appearance; medium size, white, tender, sweet. Pkt., 15c; oz., 25c; ¼ lb., 75c

T-95 SHOGOIN. 30 Days. An extremely useful sort, it is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. Resistant to aphis and plant lice.
Pkt., 15c; oz., 25c; ¼ lb., 75c

T-94 SEVEN TOP. 30 Days. A variety much grown in the south for the tops, which are used as greens.
Pkt., 15c; oz., 25c; ¼ lb., 75c

T-89 EXTRA EARLY PURPLE TOP MILAN. About 42 Days. Standard sort for the home and market garden and for forcing. Roots are flat and tops small with strap leaves. Pkt., 15c; oz., 25c; ¼ lb., 75c

Rutabagas Mature in 90 Days

A packet will plant 30-40 feet of row; an ounce 250 feet.

North of Milwaukee plant in spring in rows 24 inches apart 3-5 seeds per inch. After stand is established thin to 10 inches apart. In Chicago area plant in June in the same manner.

R-31 IMPROVED AMERICAN PURPLE TOP. Is a fine strain of Purple Top. Largest size, best shaped variety, small neck, smooth skin; good cropper and keeper. A heavy yielder. Excellent table quality.
Pkt., 15c; oz., 25c; ¼ lb., 75c

R-32 LAURENTIAN. A purple top globe having rich yellow flesh, one of the deepest globes and free from excess roots. Pkt., 15c; oz., 25c; ¼ lb., 75c

Sweet, Juicy Tomatoes

THE MOST SATISFYING VEGETABLE YOU CAN GROW.

Without greenhouse facilities, you should figure 25-50 plants from a packet; 1000 plants from ½ ounce.

In early March the Chicago area sow 15-20 seeds per inch about ¼ inch deep in flats. When the first true leaves develop transplant to 3 inch Plant-a-Pots (usually about 3 weeks after planting the seed). To keep plants from damping off (dying) treat the soil in flats and Plant-a-Pots with Pan-o-Drench and water only in the mornings.

After danger of frost has passed, set the plants in the garden. Early small vined varieties, and varieties to be staked should be planted 14-18 inches apart in rows 3 foot apart. Other varieties plant at least 3 feet apart in the 3 foot rows.

For earlier fruits use Blossom Set and for insects and diseases use Vaughan's Tomato and Vegetable dust.

HYBRID TOMATOES

All the hybrid varieties we offer are true F1 hybrids and have all the vigor, disease resistance and uniformity of true hybrids.

T-21 EARLY GIANT HYBRID. 68 Days. Extra large red fruit, smooth, very prolific. 5-6 tomatoes to a cluster. See page 7.
Pkts. 50 seeds, 75c; 1/64 oz., $1.50

T-44 VAUGHAN'S EARLY HYBRID. 68 Days. VA heavy yielding, very early and large fruited variety.
Pkt., 50c; 1/64 oz., $1.00; ⅛ oz., $3.00

T-28 VAUGHAN'S HYBRID. Midseason large flattened globe shape, fruits bright red, plants vigorous with heavy foliage.
1 pkt., 50c; 1/64 oz., $1.00 ⅛ oz., $3.00

T-5 BURPEE'S BIG BOY. ®. 80 Days. Large fruit, globe shape, midseason variety. Plants vigorous, dark green foliage. Averaging 8 ounces.
1 pkg. 50 seeds, 75c; 1/64 oz., $1.50

T-9 SUPER COLOSSAL. 88 Days. The largest fruited variety in our trials. Fruits red, somewhat rough, but small seed cavities and excellent flavor.
Pkt. (50 seeds), 75c; 1/64 oz., $1.50

LARGE TOMATOES

T-19 GIANT TREE CLIMBING TOMATO. 88 Days. The most outstanding large tomato for size and quality. Terrific vine growth and tremendous yields.
See Page 7. Packets only. 50c

T-36 PONDEROSA. 88 Days. Fruits deep purplish pink, extremely large, commonly 9 to 12 oz. each; deep, but flat; very fleshy with few seeds; a very mild non-acid flesh.
Pkt., 25c; ¼ oz., 95c; ½ oz., $1.80

T-34 OXHEART. 90 Days. Fruits are heart shaped, pink, flesh solid with few seeds, of mild flavor and very choice for salads.
Pkt., 25c; ⅛ oz., 60c; ¼ oz., $1.10

T-12 CRIMSON CUSHION OR BEEFSTEAK. 96 Days. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-15 WINSALL. 85 days. Giant high quality variety. Fruits purplish pink, solid and meaty, non-acid, and smoother than other flat fruited varieties.
Pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.10

EARLY, SMALL VINES

Do Not Prune

T-30 HYSTEP F-2. 60 Days. The best second generation hybrid we've had in our trials. Crack resistant, early, productive. Exceptionally good for northern districts, and good where ever we've seen it grow.
Pkt., 35c; ⅛ oz., 55c; ¼ oz., $1.10.

T-7 BOUNTY. 65 Days. Compact, small vine, not to be staked. Introduced by Dr. Harold Mattson, North Dakota, Experiment Station. Excellent for the home garden, very productive.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-14 DWARF STONE. 92 Days. A "potato leaved" variety with compact vine growth and medium sized dark red fruits.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10;

T-10 FIREBALL. 60 Days. An extra early variety with quite small vines but good sized fruits (5-7 ounces). Should be planted closer than other varieties.
Pkt., 25c; ⅛ oz., 60c; ¼ oz., $1.10

EARLY, LARGE VINES

T-8 BREAK O'DAY. 70 Days. A variety that is nearly as early as Earliana and as productive as Marglobe. Its fruits are large, smooth, meaty, red and globular, very similar to Marglobe but usually larger. Use whole for salads or stuffed.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-41 EARLIANA. 66 Days. Large, smooth bright red, compact with stout jointed branches; the vines yield well and the fruit is of fine quality.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

T-26 JOHN BAER. About 70 Days. Only a few days later than Earliana. John Baer yields a much heavier crop of larger, more uniform and attractive red fruits. Most profitable extra early sort.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

T-6 BONNY BEST. 74 Days. A shade later than John Baer. Smooth, large and uniform fruit; yields well until frost.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

WILT RESISTANT

T-43 WILTMASTER. 85 Days. A new midseason variety with outstanding resistance to wilt.
Pkt., 35c; ¼ oz., 60c; ½ oz., $1.10

T-20 MANALUCIE. 88 Days. An excellent deep globe red tomato. The fruit are large and quite resistant to cracking. Resistant to early blight as well as five other common diseases.
Pkt. 35c; ¼ oz., 60c; ½ oz., $1.10

T-29 QUEENS. 76 Days. Bred by L. G. Schermerhorn of New Jersey Experiment Station. A cross between Rutgers and Valiant, giving early maturity to Rutgers type of fruit.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

T-35 GLAMOUR. 80 Days. Crack resistance is the outstanding characteristic of this variety. It is a dependable yielder with good flavor.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-18 GARDEN STATE. 83 Days. Plants are large and highly productive, fruits bright red, smooth, globular and solid. Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

T-31 MARGLOBE. 77 Days. Second-early, red-fruited variety suitable for market or canning. Almost as early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks. They make a splendid canned product and first class pulp.
Pkt., 20c; ¼ oz., 55c; ½ oz., 95c

T-40 RUTGERS. 86 Days. A New Jersey Experiment Station cross on Marglobe. The fruit are bright scarlet and slightly more flat than Marglobe. Highly recommended as a second early variety for canning and tomato juice.
Pkt., 20c; ¼ oz., 55c; ½ oz. 95c

T-38 PRITCHARD. (Scarlet Topper). 76 Days. The fruit is solid, yield heavy and the color a brilliant red. It is a resistant second early of great merit.
Pkt., 25c; ¼ oz., 55c; ½ oz., 95c

T-47 VALIANT. 70 Days. Valiant will yield a fine crop, averaging 7 ounces per fruit. The fruits are smooth, heavy, solid and of fine quality, with a sparse vine growth; preferable where early maturity is paramount.
Pkt., 20c; ¼ oz., 55c; ½ oz., $1.00

T-22 WISCONSIN 55. 83 Days. A new, very fine red main crop variety that matures slightly ahead of Rutgers.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-17 FIRESTEEL. 68 Days. A small vine variety that produces remarkably large red fruits of semiacid flavor. Not suitable for staking. Fruits set during adverse weather and resist cracking.
Pkt., 25c; ¼ oz., 55c; ½ oz., $1.00

T-25 RICHMEAT. 90 Days. Although it is a late variety it will outyield all the standards. Fruits are red, almost globe shaped. Interior color is excellent. Derives its name from its meaty texture rich in vitamins.
Pkt., 35c; ⅛ oz., 55c; ¼ oz., $1.10

T-23 IMPROVED NEW STONE. 86 Days. Smooth skin, small core, fine-grained flesh with little acidity.
Pkt., 20c; ¼ oz., 55c; ½ oz., $1.00

In this catalog you will find a special Bonus Coupon. This entitles you to an exclusive REDUCED RATE on special subscription to POPULAR GARDENING magazine or the SATURDAY EVENING POST—either of them, or both.

Just check off the special subscription term that you prefer, fill in your name and address, and send the coupon with your remittance direct to the publisher. If you already are a subscriber, use the coupon for a friend.

FORCING VARIETIES

Due to short daylength, cloudy weather and cool temperatures special varieties have been developed for greenhouse production. These can be grown in bright sunny windows in 12-inch pots.

T-13 OHIO WR-3. A nice pink fruited variety. Fruits smooth somewhat flattened. Will grow well outside too. Pkt., 50c; 1/64 oz., $1.00.

T-24 TUCKCROSS O. A red fruited variety. Probably the easiest to grow of all. Does well outdoors too. Pkt., $1.00; 1/64 oz., $2.00.

NOVELTY VARIETIES

T-27 GOLDEN JUBILEE. 80 Days. Mature fruits, deep orange inside and out with solid flesh and so few seeds as to make seed production a problem. It is an excellent salad variety, with mild, non-acid flavor, but not flat. Its vines grow vigorously.
Pkt., 25c; ¼ oz., 60c; ½ oz., $1.10

T-11 CARO-RED. 85 Days. Developed by Purdue University for extremely high vitamin A content. A little mealy but has lots of vitamin A.
Pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25

T-48 WHITE BEAUTY. 80 Days. A novelty with excellent non-acid tomato flavor. You can startle your neighbors with this one.
Pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25

T-49 TINY TIM. 45 Days. The window-box tomato. This is earliest of all, bearing fruits ¾ to 1 inch in clusters. They have fine flavor and are decorative when grown in window boxes, or potted. 1 pkt., 50c

T-51 ITALIAN CANNER. 75 Days. A very productive long plum-shaped tomato. It is firm, not having any hollow parts, and the walls are exceptionally thick. Remains edible in storage two weeks after picking or frost. Pkt., 35c; ¼ oz., 70c ½ oz., $1.25

For Pickles, Salads and Preserves. 73 Days.

T-52 RED CHERRY. Small fruit, bright scarlet.

T-56 RED PLUM. **T-58 YELLOW PEAR.**

T-59 YELLOW PLUM. **T-55 RED PEAR.**

T-57 YELLOW PEACH.

T-50 GROUND CHERRY, HUSK OR STRAWBERRY. The small yellow fruit is enclosed in a husk. It is very sweet; prized for eating, preserving and pies.

Any of the above pkt., 25c; ¼ oz., 70c; ½ oz., $1.25

S-550 BLOSSOM SET HORMONE FOR EARLIER TOMATOES. Grow earlier, larger, meatier tomatoes. More on each plant. Easy to use Hormone spray. Stops blossom drop. Tomatoes ripen up to three weeks earlier, are larger, firmer; many are seedless. Excellent for strawberries, peppers, cucumbers, etc. 4 oz. bottle makes 1 gallon of spray, price each, postpaid 85c; pint, makes 4 gallons, price each, postpaid $1.95.

S-555 BLOSSOM SET. 12 OZ. AEROSOL BOMB, ready to use, for 100 plants, each postpaid $1.95.

Hardy Climbing Vines

Flower lovers know how indispensable vines and climbers are for beautifying the home, especially when they are planted near the house. Plant Clematis and Honeysuckle about the front porches. Stone and brick walls are always prettier clad with ivy. For covering a trellis or making a screen at the rear of the house, use Silver Lace Vine or Trumpet Creeper. Even Grape Vines can be as beautiful as they are useful.

LARGE FLOWERING CLEMATIS

Large flowered clematis are usually considered to be the most beautiful of all flowering vines. They require little planting skill and reward the gardener with magnificent blossoms all summer. Grown on a trellis, they multiply the loveliness of any garden. Planted about the porch, their beauty adds distinction and grace to any home. Potted plants.

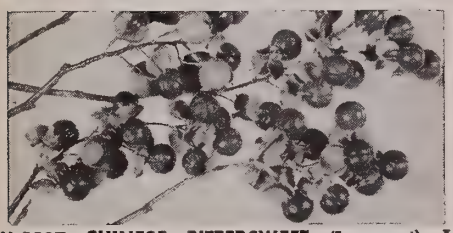
N-2623 COMTESSE de BOUCHARD. Rosy-lilac with lighter midrib. Lovely, delicate variety. Each $1.80; 3 for $4.95.

N-2613 CRIMSON STAR. True rich red, possessing all the qualities of Jackmani. Great vigor and profuse blooming. Each $1.65; 3 for $4.65.

N-2610 JACKMANI. This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion. Each $1.65; 3 for $4.65.

N-2611 RAMONA. Large silken flowers of clear sky-blue. Each $1.65; 3 for $4.65.

N-2615 GOLD MEDAL COLLECTION. One each of Crimson Star, Jackmani and Ramona, in pots, $4.50.



N-5537 CHINESE BITTERSWEET (Loeseneri) A new, rare species imported from China. The berries are desirable for fall and winter bouquets and it is the surest and most prolific fruiting variety known. The foliage is a rich, dark-green. Blooms early (May and June). In autumn the clusters of attractive orange-scarlet berries are so thick they almost cover the entire vine. One plant will fruit but several together bear more. Entirely hardy, it grows in almost any kind of soil, in sun or part shade. $1.45 each; 3, $3.95.

GRAPES

A few grape vines, planted 8 ft. apart along a lot line or fence, will not only do much to beautify, but will supply you with fruit for a lifetime, with practically no special care. Our 2 year, No. 1 grade plants are the finest, and often yield during the second season. 3 year, No. 1 grade plants are more mature, have larger canes and more fully developed root system.

N-6601 CONCORD. (Blue) America's favorite, with the biggest yield, and very hardy anywhere. Handsome bunches of large, luscious blue-black fruit with skin tender but firm, and flesh juicy and sweet. The vine is a vigorous grower. 2 year No. 1. 2 for $1.20; 5 for $2.50; 25 for $9.25; 100 for $33.95.

N-6602 CACO. (Red) The large wine-red bunches of sweet, palatable fruit make this the most beautiful of hardy grapes. Earlier than Concord. 2 year No. 1. 80c each; 5 for $3.45. 25 for $14.25.

N-6604 FREDONIA. (Black) The earliest good black grape, ripening about three weeks before most varieties. Clusters medium; berries large, of very good quality. 2-year No. 1. 65c each; 5 for $2.65; 25 for $11.50.

N-6609 NIAGARA. (White) The leading white grape, with large clusters of tangy, greenish white grapes of dessert quality. Hardy, it is often called White Concord. 2-year No. 1. 70c each; 5 for $2.85; 25 for $11.95.

N-6620 COLLECTION of 6 Hardy Grapes. 3 Concord (Blue); 1 Caco (Red); 1 Fredonia (Black); 1 Niagara (White). 2 year No. 1, $2.95 each collection.

N-6615 CONCORD, 3 yr. No. 1. 85c each; 2 for $1.50; 5 for $2.85.

N-6617 NIAGARA, 3 yr. No. 1. 95c each; 2 for $1.75; 5 for $3.85.

N-6618 CACO, 3 yr. No. 1. 95c each; 2 for $1.75; 5 for $3.85.

HALL'S HONEYSUCKLE

N-5539 LONICERA JAPONICA HALLIANA (Hall's Japanese Honeysuckle). This is one of the finest of all vines that one can plant. It is attractive and thrives in practically all situations. Splendid on trellises, arches, porches, or for covering fences, poles or old dead or ugly tree trunks. It is a strong, vigorous almost evergreen sort, with pure white flowers, changing to yellow. Very fragrant and covered with flowers from June to September; holds its leaves very late in fall. Best bloomer. Each, 95c; 3 for $2.50; 6 for $4.75.

N-5525 GOLD FLAME HONEYSUCKLE (Everblooming) Remarkable for large size of its flowers, crimson-carmine without and golden apricot inside. They are very beautiful and fragrant and are in bloom from the middle of June until the coming of frost. No. 1 grade, $1.25 each. 3 for $3.45.

IVY (Ampelopsis)

N-5538 BOSTON IVY (A. Veitchi) The best known and most popular of climbing plants. It has no equal for covering a wall, as its tendrils cling firmly to rock, wood or brick. Its glossy ivy leaves overlap and its long delicate young shoots grow up rapidly and freely. Each $1.25; 3 for $3.25; 6 for $6.25.

HARDY ENGLISH IVY

N-2628 HEDERA HELIX. A graceful evergreen vine that has dark green foliage and is identical in habit with the well known English Ivy, except that it is hardy and has small leaves. Succeeds well in shady places and makes an excellent ground cover. 85c each; 3 for $2.30; 6 for $3.95.

WINTERCREEPER (Euonymus)

N-5543 BIGLEAF W. or EVERGREEN BITTERSWEET (E. Radicans Vegetus). This is certainly our best hardy evergreen vine. It will either climb or trail as a compact ground cover, with round glossy leaves of leathery texture that stay green all winter; gorgeous orange berries in fall and winter. Very hardy; does well in sun or shade. Handsome among evergreens or will climb on brick or stone. Each $1.75; 3 for $4.95; 6 for $8.95.

SILVER LACE VINE

N-5532 POLYGONUM AUBERTI. The fastest growing hardy vine, often growing 10 to 12 ft. the first season, producing through the summer and fall great foamy sprays of white flowers that turn rose colored as they begin to fade. The combination of white and rose makes an exceedingly pretty picture. Each 1.25; 3 for $3.45.

TRUMPET CREEPER

N-5541 BIGNONIA RADICANS. A robust, tall climber with great leathery trumpet-shaped flowers of brilliant orange-scarlet. Last a long time. Useful wherever a showy vine is desired. Clings to wood. Each $1.00; 3 for $2.75.

WISTERIA

N-5542 W. AMERICAN PURPLE. Purple blooms in spring. Grows to 20 ft. Gray-green foliage. Requires full sun and plenty of moisture and hardy support. Give winter protection where temperatures reach zero. Each $1.00; 3 for $2.80.

DID YOU KNOW THAT...

If you place an order $2.00 or more you will automatically receive next season's catalog.

Choose From 46 Hardy Flowering Shrubs

BUDDLEIA (Butterfly Bush)

BUDDLEIA
(Butterfly Bush or Summer Lilac) 4 ft.

The long (15-18") tapering spikes made up of minute flowers bloom from midsummer through fall. No other shrub can compare for freedom of bloom and their pleasant fragrance attracts butterflies and hummingbirds. Tops freeze back in winter, then new growth re-appears in full vigor in spring. We offer four popular varieties, each excellent in its color range.

N-5470 SNOWBANK. Glistening white spikes. 18 to 24 in. $1.00 ea.; 3 for $2.75.

N-5468 ROYAL RED. Nearest to true red. 18 to 24 in. $1.25 ea.; 3 for $3.30.

N-5469 EMPIRE BLUE. Lilac blue. 18 to 24 in. $1.25 ea.; 3 for $3.30.

N-5465 PINK DAWN. Rich pink. 18 to 24 in. $1.00 ea.; 3 for $2.75.

N-5471 BUDDLEIA COLLECTION. One each Snowbank, Royal Red, Empire Blue and Pink Dawn. Collection 18 to 24 in. of 4 plants, $3.85.

BARBERRY

N-5309 JAPANESE BARBERRY (Berberis Thunbergi). Green foliage during spring and summer; red fall foliage. Bright red berries last through winter. Grow in sun or shade and in any soil. These plants make more shapely specimens than same varieties on hedge page. Medium height. 18-24 in. size $1.00 each; 3 for $2.75.

N-5420 RED BARBERRY (B. Thun. Atropurpurea) Brilliant maroon-red all season. Natural red color is enhanced when planted in full sun. Growth same as above. 18-24 in. size $1.35 each; 3 for $3.50.

N-5419 MENTOR BARBERRY (B. Mentorensis). Thick dark green foliage to the ground and dense, erect form requires no pruning. Evergreen almost all year and drought resistant. Grows well in any soil in sun or part shade but is at its best in full sun. Excellent to plant close to dry foundation walls. Plant 4 ft. apart for specimen planting or 15 to 18 inches apart for a dense hedge. 15-18 in. size $1.35 each; 3 for $3.95.

CORNUS (Dogwood)

N-5311 VARIEGATED LEAF DOGWOOD. Large green leaves have silver-white border. White flowers. Bright red bark and attractive foliage make this tall but compact shrub outstanding. Hardy anywhere. 18 to 24 in. $1.85 each; 3 for $4.95.

BEAUTYBUSH
(Kolkwitzia Amabilis)

N-5478 6 to 8 ft. Handsome upright shrub with graceful arching outside branches completely covered with lovely pink trumpet shaped fragrant blossoms. Hardy and long-lived, in about 2 years will be as beautiful as any shrub can be. 18 to 24 in. $1.50 each; 3 for $3.95.

CALYCANTHUS (Sweet Shrub)

N-5323 CALYCANTHUS FLORIDUS. Handsome, pineapple shaped, reddish brown flowers in June and July. Does well in partial shade. Much desired for the old fashioned garden. Gets its name from sharp pungent odor of branch or leaf when crushed with fingers. 18 to 24 in. $1.45 each; 3 for $3.95.

EUONYMUS

N-5342 ALATUS COMPACTA. (Dwarf Burning Bush) 4 to 6 ft. Bark cork-like and curiously winged; leaves small, red fruit in autumn, foliage bright red. One of our best shrubs for specimen plantings and for growing in shady locations. 18 to 24 in. $2.65 each; 3 for $7.25.

N-5348 ALATUS. (Winged Euonymus) 10-12 ft. The bark has more pronounced ridges, or wings, and the plant grows larger than the compact form above. The foliage is a lighter, bright red in fall, often shading to nearly pink. Spectacular. 2 to 3 ft. $2.75 each; 3 for $7.35.

N-5543 EUONYMUS RADICANS VEGETUS. See vine page. $1.75 each; 3 for $4.95.

FLOWERING QUINCE

N-5330 STANFORD RED. A newer form of the ever popular Flowering Quince, this variety has flowers of scarlet, beautifully set in a background of shiny foliage. Among the most desirable for the spring gardens 18 to 24 in. $1.55 each; 3 for $4.35.

FORSYTHIA (Golden Bell)

N-5314 LYNWOOD GOLD. Gold-flowered forsythia. Erect in habit, the branches are smothered under flowers in early spring. The blossoms are fuller and of better substance than older forms. Excellent for forcing in the house during winter months. Perfectly hardy. 2 to 3 ft. $1.50 each; 3 for $3.95.

N-5318 FORSYTHIA BEATRIX FARRAND. Prolific blooming new variety originating at the Arnold Arboretum. A vigorous grower developing into a large symmetrical plant producing deep golden yellow flowers often two inches in diameter, with orange markings. 2 to 3 ft. $1.45 each; 3 for $3.95.

BUSH HONEYSUCKLE

N-5315 LONICERA KOROLKOWI ZABELI. This variety makes up into a magnificent tall plant, bushy, with red flowers. Quite an improvement over the older, woody types. Fast growing and hardy. 2 to 3 ft. $1.25 each; 3 for $3.50.

HYPERICUM (St. John's Wort)

N-5336 HIDCOTE. A neat, dense, rounded shrub scarcely 2 feet tall, perfect in shape. Each branch is covered from top to bottom with fine foliage an inch long and 3/16 inch wide. In the fall it colors gold and purplish-red. Attractive right from the first leaf. It blooms from spring far into summer, bright yellow flowers, 2 inches across. In coldest states, tops will die down over winter. In spring cut off the old tops and new growth comes up from the roots. For sun or part shade. 12 to 15 in. $1.50 each; 3 for $3.95.

HYDRANGEA

N-5433 PEEGEE H. (H. Paniculata Grandiflora) 8 to 10 ft. Immense panicles of bloom a foot long, white turning to rose, commencing to bloom in August. 18 to 24 in. $1.25 each; 3 for $3.60. 2 to 3 ft. $1.55 each; 3 for $4.50.

N-5432 SNOWBALL H. (H. Arborescens Grandiflora) 4 ft. Large, flat heads of snow-white flowers in June and July. Thrives in shade. 18 to 24 in. $1.35 each; 3 for $3.95. 2 to 3 ft. $1.65 each; 3 for $4.75.

N-5431 BLUE HYDRANGEA. 2 ft. Blooms of deep and intense blue last for a long time in late summer. Will grow in sun or light shade. Protect during winter in colder climates. For blue blooms, add aluminum sulphate to soil. Packet included with shrub. 9 to 12 in., $1.65 each; 3 for $4.75.

N-5434 HYDRANGEA Collection. 1 each of above 3 larger sizes listed. $4.25.

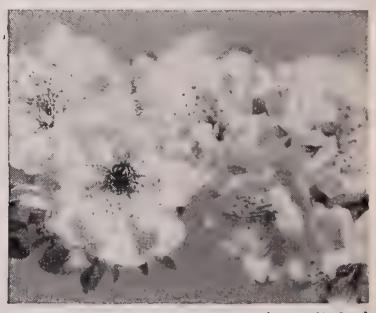
KERRIA

N-5383 JAPONICA. A slender branched shrub of great beauty, Kerria is ever popular. The flowers are orange yellow, five petaled, with numerous stamens. The branches are green in winter, therefor showy. They may be kept low, usually about 4 ft. Being of bushy growth it is splendid to tone down taller, more leggy shrubs. 18 to 24 in., $1.65 each; 3 for $4.75.

PRUNUS (Plums)

N-5421 CISTENA. 6 ft. A dwarf variety red leaf plum. Grows in bush form to a height of 6 ft. This is the most brilliant purple-red plum we can grow in the North and is a most useful contrast plant. Perfectly hardy, in sun or part shade. 2 to 3 ft., $1.95 each; 3 for $5.25.

N-5404 FLOWERING ALMOND (P. Glandulosa Sinensis) 4 to 6 ft. This well known, lovely shrub has hundreds of pink flowers, generally double, set close to the wandlike branches before the leaves appear in spring. Serve very well as low shrubs for accent points or for use in front of taller shrubs. Hardy in cold climates and persist even under neglect. 2 to 3 ft., $1.45 each; 3 for $3.95.



N-5401 ROSE TREE OF CHINA (P. Triloba) 8 ft. A native of China, this variety resembles the Flowering Almond, with its grand early display of bloom, but its growth habit differs; it has little tendency to grow into a clump, but rather forms a miniature tree-like growth. A worthy shrub and hardy into North Dakota. Blooms so heavily that its branches are useful for cutting. 2 to 3 ft., $1.55 each; 3 for $4.35.

N-6849 NANKING CHERRY (P. Tomentosa). 4-6 ft. An extremely hardy shrub, beautiful in flower foliage and fruit. In April just as the leaves begin to unfold, it is clothed with a profusion of pale pink flowers, followed by brilliant scarlet, edible cherry-like fruits that ripen in June. Ideal for borders. Attracts the birds. 18 to 24 in. $1.40; 3 for $4.65.

PHILADELPHUS (MOCK ORANGE)

Known in some sections of the country as Syringa, this name is confusing, being the botanical name for the Lilac. Now we offer only the newer, more shapely and free-flowering varieties.

N-5491 P. MINNESOTA SNOWFLAKE. Plant Pat. #538. 6 to 7 ft. This new variety is outstanding. Every one of its hundreds of blossoms is double, and very sweet scented. Hardy as its name implies, vigorous in growth, it is a graceful, well branched variety, about 6 ft. in height at maturity. 18 to 24 in., $1.55 each; 3 for $4.35.

N-5477 P. VIRGINAL. 7 to 8 ft. One of the most beautiful shrubs grown. In June the plants appear as a huge bouquet being completely covered with large double or semi-double crested flowers that are pure white and so fragrant that they perfume the yard and a single branch will perfume a room. It has a long blooming period, the new wood producing throughout the summer. 2 to 3 ft., $1.45 each; 3 for $3.95.

N-5490 FROSTY MORN (Plant Pat. #1174). With its profuse display of all double, fragrant blossoms, and growing about 3½ ft. Frosty Morn is a perfect choice for the spectacular beauty of mockorange in a very hardy plant that is not so tall. Planted by itself, or in a group of three, it's a dandy. 15 to 18 in., $1.75; 3 for $4.95.

SPIRAEA

The Spiraea family consists of more than just the familiar old favorite, Bridal Wreath. Other varieties, which differ in color and size, possess certain characteristics most desirable. All are generous with blooms, grow vigorously in most any soil and offer no cultural problems. Buy the collection and save.

N-5441 HEAVENLY BLUE SPIRAEA (Caryopteris) Plant Pat. #1091. 2-2½ ft. From August until frost when few shrubs are blooming every branch and every twig has many clusters of small fringed powder blue flowers that give the plant a misty appearance. Makes a neat, compact rounded bush 2 ft. tall with narrow, silver green foliage. In Northern states the top dies down in winter, like a perennial. Cut off the old tops in early spring and it comes up lovelier than ever. No. 1 plants $1.35 each; 3 for $3.50.

N-5444 BRIDAL WREATH (S. Van Houtte) 5 to 6 ft. Always effective if planted singly or in groups on the lawn, in front of the porch, in shrub borders or in hedges. In May each graceful branch is wreathed in clusters of pure white flowers. 2 to 3 ft., $1.00 each; 3 for $2.65; 3 to 4 ft., $1.55 each; 3 for $3.75.

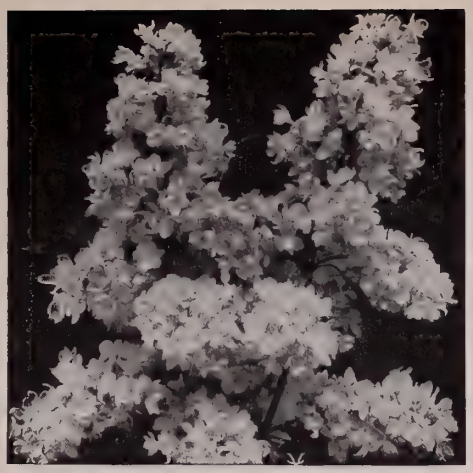
N-5437 FROEBELI. 3 ft. This everblooming spiraea, with crimson flowers in flat, 3 in. clusters that bloom all summer, grows about 3 ft. high, and about as wide as it is tall. For foundation plantings, borders, or as a flowering hedge it never fails, and is one of the most popular. 18 to 24 in., $1.10; 3 for $2.95.

N-5438 BILLIARD (S. Billiardi) 5-6 ft. Narrow dense spikes of pink flowers which bloom nearly all summer. It is a grand subject for mass planting, for shrubbery borders, and is good for cut flowers. 2 to 3 ft., $1.10 each; 3 for $2.95.

N-5445 SPIRAEA COLLECTION. 4—One each of 5437, 5443, 5444, 5438, for $3.95.

WILLOW (Salix)

N-5398 FRENCH PUSSY WILLOW. This first harbinger of spring bears an abundance of fur-like catkins very early in the year. This cultivated type bears more abundantly than the wild type. Forces easily indoors in winter. 2 to 3 ft., $1.45 each; 3 for $3.95.



FRENCH HYBRID LILACS

Even prosaic persons become reminiscent and sentimental at the sight of Lilacs. They have been cultivated for centuries, but by the crossing of varieties and by careful selection the flowers of the common lilac have been changed in color and in size in more recent years. These selected hybrids are best used as specimen plants, rather than hedges, for which the Persian lilac is more suited. The fact that the plant improves year by year is a desirable feature. We present what we consider to be several of the best of the newer varieties. Save; buy 3 of each or the Collection.

N-5483 BELLE DE NANCY. A free-blooming variety with large, double, satiny rose blossoms. This beautiful "pink" Lilac stands in the front rank of its class. 18 to 24 in., $1.85; 3 for $4.95.

N-5485 MISS ELLEN WILLMOTT. With bold, handsome clusters of pure white, imbricated flowers, this variety always attracts attention. We think it is just about the best white variety. 18 to 24 in., $1.85; 3 for $4.95.

N-5487 PAUL THERION. Bright rich red buds, not purple. Trusses are large and composed of very double florets of an intense claret-rose. 18 to 24 in., $1.85 each; 3 for $4.95.

N-5482 PRESIDENT LINCOLN. A rich, clear blue. Single florets. Large panicles. Early. 18 to 24 in., $1.85 each; 3 for $4.95.

N-5493 PRESIDENT GREVY. This variety has immense, wide clusters of double flowers in color which is inadequately described as light blue. Actually its highlights of soft lavender and light blue make it one of the outstanding hybrids. 18 to 24 in., $1.85; 3 for $4.95.

N-5479 LILAC COLLECTION.

One each of five varieties above for $7.95.

PERSIAN LILAC

The most graceful in shape of the lilacs, the branches arching and willowy, it is probably the best for planting in a row or as a screen, and for small group plantings to soften the view or hide unsightly objects. We offer the Rothomagensis type, which is darker in color of bloom and more free flowering than the original Persian. See hedging size on hedge page.

N-5319 2 to 3 ft. $1.45 each; 3 for $3.95.

N-5319 3 to 4 ft. $1.95 each; 3 for $5.50.

POTENTILLA

N-5304 P. FARRERI. 2-4 ft. Covered from June to September with brilliant yellow flowers, this small compact shrub, with dense fern-like foliage thrives in either wet or dry soil. Very suitable for rockeries or in front of taller shrubs. 15 to 18 in., $1.75 each; 3 for $4.75.

ROSE OF SHARON (Hibiscus or Althea) 6-10 ft.

A free-flowering, tree-like shrub that makes a lovely display in midsummer. The flowers resemble those of the hollyhock and are very showy in August or September after other shrubs are through blooming.

N-5300 ALTHEA COELESTRIS. Spectacular single flowers, heavenly blue in color, with crimson eye, about 3 to 4 inches across. Appear in July or early August until frost. 2 to 3 ft. $1.60 each; 3 for $4.35.

N-5305 DOUBLE RED. 2 to 3 ft., $1.35 each; 3 for $3.75.

N-5306 DOUBLE PINK. 2 to 3 ft., $1.35 each; 3 for $3.75.

N-5307 DOUBLE PURPLE. 2 to 3 ft., $1.35 each; 3 for $3.75.

N-5308 COLLECTION. One each of #5305, #5306 and #5307, all 3. 2 to 3 ft., $3.65 collection.

TAMARIX

N-5414 T. SUMMER GLOW. Rose pink flower spikes and finely cut, silvery-blue-green foliage give a lacy loveliness to this variety. Grows to about 10 ft. tall but may be trimmed to 6 to 8 ft. Blooms all summer. Easy to grow, thriving in sun or part shade. 18-24 in., $1.15; 3 for $2.95.

WEIGELA

These shrubs bloom after the lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shapes with age. Their large flowers are of wide trumpet shape, borne in clusters thickly along the branches.

N-5325 ROSEA. (Pink W.) 5-6 ft. An elegant shrub covered in June with an abundance of rosy pink flowers. Vigorous, erect, compact growth. Most popular of all Weigelas. Extensively used in foundation planting. 2 to 3 ft., $1.35 each; 3 for $3.75.

N-5326 VARIEGATED. The light green leaves, edged and trimmed with white make this plant a pleasant contrast with surrounding foliage. The flowers, borne May and June, are pink. The growth is compact, ultimate height about 5 feet. 18 to 24 in. $1.50 each; 3 for $3.95.

N-5334 RED (W. Vanicek). A sparkling ruby red. The flowers are produced in generous quantities in June and early July, then again a fine showing of bloom thru the summer and autumn. Hardy. 18 to 24 in., $1.75, 3 for $4.95.

N-5335 RED (W. Eva Rathke). Not quite as tall as Vaniceki growing 4 to 5 ft. with brilliant crimson flowers in May and June. 18 to 24 in. $1.75; 3 for $4.95.

N-5338 WEIGELA COLLECTION

3, One #5325; two #5335 for $3.95.

VIBURNUMS

The Viburnums are a most useful group of shrubs, very hardy, of good growing habit, never "lanky" in growth and tolerant of shade and difficult conditions.

N-5450 OLD FASHIONED SNOWBALL (V. Opulus Sterile) 7-8 ft. Tall, rapid growing, compact and bushy. Ball shaped, white clusters of bloom cover the mature shrub in late spring. Deep green foliage. Grows well in sun or shade. 2 to 3 ft., $1.75 each; 3 for $4.95.

N-5451 FRAGRANT SNOWBALL (V. Carlesi) 3-4 ft. A popular early spring flowering shrub. Coral pink buds open into waxy white, globe shaped flowers which are at their best when the leaves are unfolding. A lovely, fragrant shrub of medium height. Handsome gray-green foliage. Hardy and easy to grow in sun or shade. 18 to 24 in., $3.50 each; 3 for $9.25.

CRANBERRYBUSH

N-6856 VIBURNUM AMERICANUM. 7-8 ft. Handsome native shrub with showy clusters of red berries in late summer. 18 to 24 in. $1.40; 3 for $3.95.

Shrubs for Hedging and Fencing

JAPANESE BARBERRY (B.Thunbergi)

N-5505 Barberry is of neat compact growth that needs no pruning. Seldom grows over 4 ft. high. The foliage is beautiful always, in the fall turning to a brilliant crimson. In winter the plant retains its bright red berries. An excellent protective hedge with its thorny branches, it is hardy everywhere. Plant about 15 to 18 in. apart. 12 to 18 in., 10 for $2.75; 25 for $6.25; 50 for $10.95.

RED LEAF BARBERRY (Atropurpurea)

N-5502 4 ft. Similar to the above, but the foliage is a rich, lustrous, bronzy red. In the fall it changes to vivid orange, scarlet and red shades, especially bright if planted in full sun. Bears the scarlet berries common to the type. 15 to 18 in., 10 for $4.45; 25 for $9.85; 50 for $17.95.

BARBERRY PYGMY RED

N-5504 One of the most outstanding small shrubs of recent introduction. Its brilliant deep red foliage, with highlights created by the tiny new growth tips of brighter hue. Grows into perfectly shaped plant 15 inches across and no higher than 8 to 10 inches. Unsurpassed low edging. Individual plants make a brilliant splash of color in front of a low hedge or group planting. It develops best colors planted in full sun. 9 to 12-in., 5 for $7.50; 10 for $13.95; 25 for $33.95.

COTONEASTER

N-5524 COTONEASTER ACUTIFOLIA. Somewhat flexible branches with smooth dark bark and glossy leathery small leaves makes this a hedge that is most attractive and considered to be choice. Not difficult to prune if a trimmed hedge is desired as it does not become woody. 12 to 18 in. 10 for $2.85; 25 for $6.25; 100 for $22.95.

CHINESE ELM (Ulmus Pumila)

N-5600 Grows tall and thick if left untrimmed, but may be kept pruned to any height. It forms a beautiful, dense, impenetrable hedge with small dark green foliage. It can be kept low-growing and clipped, or can be used where immediate screening effects are desired. For hedge purposes, plant seedlings 12 to 18 inches apart. 2 to 3 ft., 25 for $3.50; 50 for $6.75; 100 for $10.95.

N-5631 LOMBARDY POPLAR. Valuable for its columnar form, caused by the tapering, vertical growth of its branches. A rapid grower, and succeeds almost everywhere. Excellent for a screen or landscape accent. 3 to 4 ft., 5 for $1.85; 10 for $3.25; 25 for $6.95. 4 to 5 ft., 5 for $2.65; 10 for $4.75; 25 for $10.45.

CLAVEY'S DWARF HONEYSUCKLE

N-5533 3-4 ft. A new dwarf honeysuckle recently introduced. All the hardiness and vigor of the standard, reliable honeysuckle developing into a beautiful compact shrub with neat, small foliage from the ground up. For a choice hedge different from the ordinary, choose this, one of the finest appearing of all. Plant about 2 to 3 ft. apart. 12 to 18 in., 10 for $4.75; 25 for $9.95; 50 for $18.50. See shrub page for large size.

TALLER HONEYSUCKLE HEDGE

N-5508 9-10 ft. Excellent for screen and border plantings. This is the well known tall honeysuckle offered in a smaller size at a price that permits economical planting in quantity. It grows fast, developing thick semi-upright branches with pink or red blossoms in early summer, followed by red berries. Plant about 3 ft. apart. Larger size offered on shrub pages. Hedging size 18 to 24 in., 10 for $4.25; 25 for $9.50; 50 for $17.95.

BRIDAL WREATH (S. Van Houtte)

S-5511 The same popular and effective shrub as on page 31 but in a size and price that permits buying in quantity for hedging or fencing.
18-24"—10 for $4.25; 25 for $8.50; 50 for $15.75.

PERSIAN LILAC

N-5529 8-10 ft. The improved form of this old favorite, with blossoms of richer, deeper lavender purple, and vigorous growth. The most graceful and free-flowering of lilacs, especially suitable for hedge or screen. Annual pruning controls size if desired. Plant 2½ to 3 ft. apart. Larger plants offered on shrub pages. Hedging size, 12 to 18 in., 5 for $4.25; 10 for $7.95; 25 for $17.45.

EXTRA HARDY ROSES

N-5518 RUGOSA. For an everblooming rose hedge or border, the Rugosa, or Bush rose, is well known for its hardiness. The variety we offer, F. J. Grootendorst, bears clusters of double roses all summer, whether or not it is kept pruned below its normal height of four feet. Hedge grade, 12 to 18 in., 5 for $4.25; 10 for $7.75.

N-5518 Red Grootendorst. Bright Red Fringed.

N-5522 Pink Grootendorst. Light Shell Pink Fringed.

The same hardy shrub rose, but in larger size for single or group planting, see page 94.

PRIVET HEDGE (Amur)

N-5506 By far the best known hedge plant, probably because of its vigor, hardiness, and ability to withstand severe and regular pruning. Will grow quite tall, for a screen, if left alone, but is usually grown as a clipped hedge. We offer, of course, the hardy northern variety that practically never freezes back in any locality. Plant 12 inches apart for a good thick hedge, 15 or 18 inches if you are willing to wait a little longer for a finished effect. 15 to 18 in., 10 for $2.25; 25 for $4.75; 50 for $8.75. 18 to 24 in., 10 for $3.25; 25 for $6.35; 50 for $11.25.

MULTIFLORA FENCE ROSE

N-5610 A stock-tight practical fence can easily be had in three to five years with Multiflora Roses. This shrub rose is armed with sharp thorns and makes a hedge six to eight feet tall and as many feet wide, taller in rich soils. Multiflora Roses are white, often tinted light pink. They do not spread by suckering. Flowers mature into bright red berries which persist throughout the winter to attract wild life, including game and song birds while the shrub acts as a shelter. Plant about 12 to 18 inches apart in the rows. Seedlings, ⅛" to 3/16" caliper at crown. 25 for $3.45; 50 for $5.90; 100 for $9.50; 500 for $39.00.

EVERBLOOMING FLORIBUNDA ROSE HEDGE SPECIAL

Floribundas are among the hardiest of roses and are wonderful garden flowers when planted in mass displays or hedges. No re-planting each year if the simple directions for care sent with the plants are followed. They not only produce many beautiful blooms the first year, but increase in beauty each year thereafter. Bloom from June until frost. We offer hedging size in bundles of 5 or 10, in nice 10 to 12 in. plants. Plant 18 inches apart. Larger plants on page 94.

N-5519—Red **N-5527**—Yellow
N-5526—Pink **N-5528**—White
5 of one color for $3.75; 10 for $7.00.

N-5520 EUTIN. Eutin is an especially vigorous and free blooming variety, lustrous red in color. Further description on page 94. Hedging size, 8 to 12 in. 5 for $3.95; 10 for $7.25; 25 for $16.25.

WEEPING WILLOW (Salix Niobe)
N-5815 30 to 40 ft. Wavy, bright green foliage borne on slender, pendent branches. 6 to 8 ft., $3.95 each; two for $6.85.

Lush, Lovely Azaleas

The Azaleas are among the showiest of ornamental shrubs, blooming in May and June. They thrive in moist, well drained, acid soils, and do not like lime. They should be planted in partial shade and kept mulched, preferably with peat moss. Plant in Spring only. Hardy to 20 degrees below zero.

N-5406 MOLLIS. (Chinese A.). 3-4 ft. flowers of marvelous shades of yellow, orange, lemon salmon, and terra cotta. Dwarf, compact growth with attractive foliage and unexcelled for planting in front of evergreens. Come in mixed colors only . . . no choice. 9-12" $1.95 each; 3 for $5.45.

N-5407 VAN TOL. Rich red. 9-12". $2.25 each; 3 for $6.50.

N-5408 VAN HOUTTE. Yellow. 9-12". $2.25 each; 3 for $6.50.

N-5409 PRINCE FREDERICK. Rose-pink. 9-12". $2.25 each; 3 for $6.50.

N-5405 COLLECTION. One each Van Tol, Van Houtte and Prince Fred. 9-12". $5.95. Collection.

PEONIES—Best Loved, Most Valued Perennials

Planted in sun or semi-shade in single clumps or long beds; or bordering lawns, shrub rows, and drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials.

Peonies may be planted from September 15th until May. Orders received late for spring planting are shipped in fall.

We offer divided roots, having 3 to 5 eyes.

3 FAVORITE PEONIES $2.95

N-3320 One each of the 3 peonies listed below (value $3.75) for $2.95. Postpaid.

N-3323 FESTIVA MAXIMA. Paper white petals flecked crimson are surrounded with broad guard petals. Tall. Early. Fragrant. $1.25; 3 for $3.50.

N-3324 KARL ROSENFIELD. Rich velvety-crimson. We consider it the best all-around red. EM. $1.25.

N-3344 SARAH BERNHARDT. Large, beautiful pink with lighter edging; center flecked crimson. Extra good cut flower. LM. Fragrant. $1.25; 3 for $3.50.

N-3307 M. MARTIN CAHUZAC. Here is the darkest red peony known—of deep garnet color, with reflex that is almost black. The blossoms are borne on strong upright stems, a stunning effect that adds interest to any peony collection. $2.65 each.

4 CHAMPION PEONIES $6.50

N-3347 One each of the 4 Peonies listed below (value $7.40) for $6.50. Postpaid.

N-3342 MARTHA BULLOCH. One of the greatest pinks. Bright old-rose-pink. Cupped type flowers. Strong stems. Always among the winners. LM. $2.25 each; 3 for $5.95.

N-3331 RICHARD CARVEL. Early crimson. Pleasant fragrance. Valuable as a cut flower. $1.95 each; 3 for $5.25.

N-3336 TOURANGELLE. Delicate pearly-white, suffused with shades of delicate salmon and rose. Blooms late. $1.65 each; 3 for $4.35.

N-3339 WALTER FAXON. A real pink. Medium size, globular semi-rose form flowers. Fragrant. Free blooming. M. $1.55; 3 for $4.25.

SPECIAL OFFER (Postpaid)

N-3313 THREE FINE OLD FAVORITES. Felix Crousse—deep rose-red. Late. **Edulis Superba**—good deep pink. Early. **Mme. de Verneville**—rose white with carmine touches. Midseason. Collection. 1 each three varieties. $2.65.

Trees for Shade and Beauty

FLOWERING CRAB (Malus)

In grace and beauty, accompanied by unqualified hardiness, the flowering crabs excel all other flowering trees. They have no equal in profusion of bloom, and all varieties produce attractive clusters of fruit in autumn. We offer four of the best varieties, which vary in color of blossom and in habit of growth as described.

N-5700 BECHTEL'S (Malus Ioensis Plena) 10-15 ft. Large double fragrant pink flowers, in such profusion that each branch is a full bouquet. A perfectly formed small tree, 10 to 12 ft. tall that is ideal to plant in the smaller lawn. 3 to 4 ft. $2.75 each; two for $4.95.

N-5703 ALMEY (Malus Almey) 10-15 ft. Immense blooms, fiery crimson with white star-like markings at base of petal. The tree is more picturesque than Bechtel's. Very hardy and vigorous, often blooms first year after planting. 4 to 5 ft. tall. $3.50 each; two for $6.25.

N-5701 HOPA. (Malus Ioensia) 15-20 ft. Crimson buds open into large deep rose flowers. Red-fleshed, edible fruit begins to ripen in June, becoming more brilliant and decorative until the end of summer. 4 to 5 ft., $2.75 each; two for $4.95.

N-5706 IRENE. 6 to 8 ft. at maturity. When in bloom this tree is a striking picture with its profusion of bright red flowers against a background of red-purple leaves. The lush foliage keeps its color from spring throughout the entire season, to make a wonderful contrast against the green of other trees and shrubs. More spreading than tall. 4 to 5 ft., $3.45 each; two for $6.25.

MOUNTAIN ASH

N-5715 EUROPEAN MT. ASH. 20-30 ft. A symmetrical, handsome tree, especially ornamental in late summer with its clusters of bright orange berries. Its attractive dark green foliage turns golden in autumn. 6 to 8 ft. $5.95; two for $10.75.

BIRCH (Betula)

N-5827 EUROPEAN WHITE BIRCH CLUMP. Consists of 4 trees to be planted individually or in a clump as it so often grows in its natural habit. Grows more beautiful with time as it matures and bark turns white. Growth is gracefully upright, with horizontal branches. 2 to 3 ft., bundle of 4. $2.15 each; 2 for $3.95.

N-5803 BIRCH WEEPING (Betula Pendula Gracilis). 30-40 ft. An unusually graceful drooping tree, with deeply cut foliage and silvery white bark at maturity. 6 to 8 ft. $6.95 each; two for $12.95.

DOGWOOD (Cornus)

A small, upright tree ideally suited to the average home garden, as it will stand sun or tolerate quite a bit of shade. They have an abundance of showy flowers in spring before the leaves appear, with foliage that turns brilliant scarlet in fall if exposed to sunlight. Hardy except in Minnesota, Wisconsin, etc.

N-5713 WHITE DOGWOOD. 12-15 ft. The familiar white dogwood, so well known in spring. 2 to 3 ft., $2.45 each; two for $4.65.

N-5712 PINK (Cornus Florida Rubra). Large rose pink flowers, otherwise similar to above. 2 to 3 ft., $4.95 each; two for $9.25.

N-5714 COLLECTION. 2 white and 1 pink, 2 to 3 ft. All for $8.75.

SUNBURST THORNLESS LOCUST

N-5735 GLEDITSIA TRIACANTHOS INERMIS AUREA. Plant Pat. 1313. 75-100 ft. Spectacular new color in an ornamental shade tree. Branch tips of bright golden yellow, shading to bronze at ends contrast sharply with the rich green inner foliage to make it look like a flowering tree bursting with bloom. Keeps the appearance all summer long. It is ideal for lawns. Absolutely seedless, it carries no ground litter, and its lacy, sun-dappled shade actually benefits a fine lawn. Hardy and resistant to insects and diseases. 4 to 5 ft. whips. $5.25 each; two for $9.85.

MORAINE LOCUST

N-5814 GLEDITSIA TRIACANTHOS "MORAINE". Plant Pat. 836. 80 to 100 ft. A near perfect shade or street tree. It is a selected form of the Honeylocust that is thornless and seedless and grows more rapidly, as fast as the soft maple or Chinese elm, but is definitely hard wooded. We highly recommend it. 5 to 6 ft. whips $6.95 each; two for $12.75.

HAWTHORN (Crataegus)

N-5710 PAUL'S SCARLET THORN (C. Oxy. Splendens) 12-15 ft. One of the choice ornamental trees. A late spring show of bright scarlet double flowers. Small red fruit in fall. Its symmetry of growth makes it attractive even in winter. 4 to 5 ft., $4.75 each; two for $8.75.

REDBUD (Cercis)

N-5716 AMERICAN REDBUD (C. Canadensis) 20 ft. In early spring masses of small delicate rosy flowers wreathe the leafless branches. These are followed by beautiful heart shaped foliage. 3 to 4 ft. $2.25 each; two for $3.95.

MAPLE (Acer)

N-5822 CRIMSON KING MAPLE (Acer Plat. Schwedleri Nigra). Pat No. 735. 40 to 60 ft. This is a perfected form of the Schwedler Maple, having foliage of deep maroon-purple all summer. The tips of the branches and new foliage are a lighter shade, giving the impression of a tree in bloom. No large sizes are available, but planted now, the trees will start branching the first summer and increase in beauty each year. Very hardy. 4 to 5 ft. whips, $4.95 each; two for $9.45.

N-5805 SUGAR MAPLE (Acer Saccharum). 50-75 ft. A tall and stately tree of vigorous growth and more or less pyramidal form. Deeply lobed dark green foliage, changing in Autumn to brilliant tones of orange and yellow. Fine for planting as a specimen on the lawn or for the street. 6 to 8 ft. Each $7.95; two for $14.75.

N-5810 SILVER MAPLE (Acer Dasycarpum). 75 ft. A rapid growing maple with deeply cut, bright green leaves that are silvery beneath, coloring very well in fall. A large tree that adapts itself to almost any condition. 8 to 10 ft. Each $6.50; 2 for $11.95.

MAGNOLIA

N-5721 SAUCER MAGNOLIA (M. Soulangeana) 20 ft. Flowers come before the long glossy leaves, and are 3 to 5 inches across, cup shaped, rosy pink when in bud. A full sized tree is a bouquet of thousands of showy flowers, not surpassed by any other tree. 2 to 3 ft. $4.25 each; two for $7.95.

OAK

N-5808 PIN OAK. One of the faster growing Oak trees. Transplants more readily than most varieties. Deeply cut leaves which color beautifully in autumn. The upright pyramidal crown, lack of heavy side branches, clean trunk and rich glossy leaves make it one of the most desirable oaks for street and ornamental planting. 6 to 8 ft., $7.95 each; 2 for $14.75.

HACKBERRY

N-5812 HACKBERRY. A valuable shade tree of medium size (40 to 50 ft.) which is hardy and of easy culture in ordinary soil. Native to eastern and north central part of U.S. It is elm-like and generally very symmetrical. Limbs seldom broken by wind. 6 to 8 ft. $6.25; two for $11.50.

LINDEN

N-5816 AMERICAN LINDEN. Known also as Basswood. A distinctive tree, shapely in form, with heart shaped leaves, three to six inches long. Hardy, as it is considered a forest tree in Illinois and other northern states. 5 to 6 ft. $4.75 each; two for $8.95.

SMOKE TREE

N-5718 PURPLE FRINGE OR SMOKE TREE. Ornamental tree of ethereal beauty that provides a note of softness to the landscape, with its drifting clouds of delicate flowers seeming to float gently about the graceful branches. 10 to 12 ft. tall, superb as a specimen tree. 18 to 24 in. $1.95 each; two for $3.65.

RED LEAF PLUM

N-5727 NEWPORT RED LEAF PLUM. A dwarf tree of excellent shape and outstanding color contrast from spring to fall. Purple red all summer, the long lasting foliage turns to a glowing bronze. Approximately 10 ft. tall. Plant in sun for best coloration. 3 to 4 ft. $2.75 each; two for $4.95.

SYCAMORE

N-5809 SYCAMORE. Also known as American Plane Tree. A large broad tree with dark green foliage. Fast growing, it sometimes grows to 30 or 35 ft. in ten years. Does well even under city conditions. Ultimate height up to 70 ft. 6 to 8 ft. $6.35 each; two for $11.50.

Berry Bushes Add Beauty Along with Good Eating

DELICIOUS RASPBERRIES ARE EASY TO GROW

Raspberries produce a crop in two years. Black varieties require winter protection in Chicago area, red varieties are more hardy. All are Postpaid to save you money.

RED RASPBERRIES

N-6704 LATHAM. Deep red berries, uniformly round and unusually large. Full flavored and aromatic. Plants are hardy, thrifty growers and bear enormous crops. In demand for fresh desserts, canning and freezing. No. 1. 10 for $2.95; 25 for $6.25; 100 for $21.95.

N-6705 INDIAN SUMMER. Everbearing Variety. Thimble-shaped berries of appetizing red color, borne in large loose clusters. Ripens first crop in June, another in fall. Full flavored, sweet and delicious. No. 1. 10 for $3.15; 25 for $6.50; 100 for $22.95.

N-6707 CANBY. Thornless. Large, fine berries. Canes are completely free of thorns. Early ripening. No. 1. 5 for $2.30; 10 for $3.95; 25 for $8.95.

N-6750 RED RASPBERRY PATCH. Save almost 25%. 10 Indian Summer and 15 Latham, all 25 for $5.85.

BLACK RASPBERRIES

N-6702 BLACKHAWK. Outstanding new black raspberry. Outyields all other varieties. Originated by the Iowa State College and introduced in 1955. Berries are sweet, juicy and have a rich flavor. Excellent for eating fresh, canning or in pies and jam. Ripens midseason, about the first week in July. Strong, healthy, vigorous plants. No. 1. 5 for $2.10; 10 for $3.65; 25 for $7.95; 100 for $28.95.

N-6706 CUMBERLAND. Large size, midseason variety, strong grower with good flavor. Very popular. 10 for $2.75; 25 for $5.50; 100 for $17.95.

N-6712 SODUS. (Purple). Cross between red and black raspberries. Tart delicious flavor and a heavy yield of fruit. Very hardy in cold weather. 10 for $2.95; 25 for $6.50; 100 for $19.95.

BLACKBERRIES

N-6814 EBONY KING. Sweet delicious flavor. Early. Upright. Grade No. 1, 2 year plants. 5 for $2.85; 10 for $4.95; 25 for $10.95; 100 for $39.95. Postpaid.

N-6816 ELDORADO. Berries large, jet black. Vines vigorous and hardy with good yield. Large clusters. 10 for $2.35; 25 for $4.95; 100 for $16.95. Postpaid.

BOYSENBERRIES

N-6801 THORNLESS GIANT BOYSENBERRY. A cross between the California Logan berry, Raspberry and Blackberry. Nearly seedless, beautiful wine colored berry, almost two inches long. Almost thornless canes make these plants easy to care for. Does best when trained on erect trellis or horizontal wires. Needs plenty of space for proper culture. 10 for $2.85; 25 for $5.35; 100 for $18.95. Postpaid.

CURRANTS

N-6830 RED LAKE. Large clear red berries. Prefer moist, well drained loam. Hardy. 2 yr. No. 1, Each 70c; 5 for $2.95. Postpaid.

HYBRID BLUEBERRIES

Highly ornamental plants—Delicious fruits.

New, improved varieties that are far superior to common varieties. Larger fruit, better flavor, more attractive and bear more profusely. Have lovely white flowers in spring followed by beautiful blue, luscious fruit. Waxy green foliage; colors red in fall. Plant all three for best pollination and have fruit June through August. Plants 2 years old. Excellent for planting with evergreens—require an acid soil.

N-6826 BLUERAY. Early season. 2 for 3.45; 6 for $9.75. 3-yr. plants 2 for $4.45.

N-6827 BERKELEY. Mid-season. 2 for $3.45; 6 for $9.75. 3-yr. plants 2 for $4.45.

N-6828 COVILLE. Late season. 2 for $3.45; 6 for $9.75. 3-yr. plants 2 for $4.45.

N-6812 One each of above (2 yr.) $4.85.

GOOSEBERRIES

N-6841 DOWNING. Midseason Juicy, light green berries. Good pie and canning sort. Mildew resistant. $1.20 each; 5 for $5.35. Postpaid.

GRAPES (See Page 29 for varieties and prices)

Plant Fruit Trees for Flowers, Food and Shade

STANDARD SIZE FRUIT TREES

We offer trees grafted from fruit-bearing stock onto strong root systems that are produced in fertile, clear soil. They are selected large plants (compare size when comparing price), field-grown for two years and carefully tended so are disease free and well shaped.

Apple

N-6126 QUINTUPLET. 5 kinds of apples on one tree This is the ideal tree for the small yard, 5 different varieties are grafted onto the main stock of one tree. Gives you good apples for summer, fall, and winter. 2 year, 4-5 ft., $4.50.

N-6104 McINTOSH. (Fall). Striped crimson with white flesh. Tender, juicy and a good bearer. For eating, cooking or cider. 6-7 ft. $2.25 each; 4 or more $2.10 each.

N-6165 McINTOSH. 3 yr., 1 year older, $3.25 each; 4 or more $3.10 each.

N-6105 WEALTHY. (Early Fall). Red, with faint stripe. Firm flesh, with excellent flavor. Bears fruit when quite young. 5-6 ft. $2.25 each; 4 or more $2.10 each.

N-6108 RED DELICIOUS. (Late Fall). Extra large, 5 knob apples. This is the most popular of eating apples, with fine grained, juicy flesh and extra good flavor that is sweet, not too tart. 5-6 ft. $2.25 each; 4 or more $2.10 each.

N-6160 RED DELICIOUS. 3 yr., 6-7 ft. 1 year older. $3.25 each; 4 or more $3.10 each.

N-6107 YELLOW DELICIOUS. (Late Fall). Similar to Red Delicious, with firm, cream yellow flesh and a flavor that many consider even better than Red Delicious. 5-6 ft. $2.25 each; 4 or more $2.10 each.

N-6169 YELLOW DELICIOUS. 3 yr. 6-7 ft. 1 year older. $3.25 each; 4 or more $3.10 each.

N-6116 JONATHAN. (Fall). Dark red, one of the best eating apples, with firm flesh that is crisp and juicy with a tangy flavor that is all its own. 5-6 ft. $2.25 each; 4 or more $2.10 each.

N-6102 RED DUCHESS. (Summer). Red fruit, somewhat striped, excellent for cooking, and tender for eating. Best summer variety. 5-6 ft. $2.25 each; 4 or more $2.10 each.

N-6121 JONADEL. (Late Fall). A cross of Jonathan and Delicious, that combines the flavor of the two most favored eating apples. 5-6 ft. $2.50 each; 4 or more $2.35 each.

Pear

Hardy, and will thrive wherever apple trees grow. For better pollination and yield, plant two varieties.

N-6201 BARTLETT. Best early pear. Large yellow fruit most popular because of its fine eating quality. $^{11}/_{16}$" caliper, $2.65 each; 4 or more, $2.55 each.

N-6261 KIEFFER. Large yellow fruit that is ideal for canning, and a good winter keeper. $^{7}/_{8}$" cal. $3.50 each; 4 or more $3.35 each.

Cherry

Cherry trees are easy to grow and bear earlier in the life of the tree than most any other fruit. Ours are budded on root stock selected for hardiness.

N-6310 MONTMORENCY. Bright dark red all purpose cherry, the best around Chicago because of its hardiness. Fine for pies and palatable for eating out of hand. 5-6 ft. $2.65 each; 4 or more $2.55 each.

N-6301 BLACK TARTARIAN. Probably the hardiest of the black cherries. Firm and sweet flavored. 5-6 ft. caliper, $2.95 each; 4 or more $2.85 each.

N-6307 BING. Large, dark red with glossy skin. Firm flesh, tasty to eat out of hand. Good for freezing. 5-6 ft. $2.95 each; 4 or more $2.85 each.

Peach

Peach trees often bear third year after planting. Best where spring is not late enough to damage blossoms by frost. Plant in sheltered position in vicinity of Chicago.

N-6402 EARLY ELBERTA. Mid-season yellow with red blush ripens about a week earlier than Elberta. Freestone. Most popular. 4-5 ft., each $1.85; 4 or more $1.75 each.

N-6406 HALE HAVEN. Early yellow freestone. Fruit is red and yellow, good for freezing. Heavy producer, bears when young. 4 to 5 ft., $1.85; 4 or more $1.75.

N-6413 POLLY. We like this variety because of its comparative hardiness and its delicious fruit with flesh almost white. Self pollinator. 4-5 ft, $1.85 each; 4 or more $1.75 each.

MOST POPULAR DWARF APPLE

N-6145 RED DELICIOUS 5-6 ft. $3.95 each; 4 or more $3.80 each

DWARF FRUIT TREES

Full size fruit from dwarf size trees. Ideal for the town or suburban home grounds, as they need so little space. May be planted 8 or 10 ft. apart. Bear normal, full size fruit several years earlier than standard size trees. They are lovely in spring bloom, and with their symmetrical shape and smaller size add beauty to any home planting. Fine trees, northern rooted and grown.

The kinds we list have all the characteristics of the same varieties in standard size trees. The plants are grafted onto a type of root stock which restrains the growth of the tree itself, without any effect at all on the development of fruit, except to make the tree bear earlier in its life.

Apple

N-6147 DWARF McINTOSH. 5-6 ft. $3.95 each; 4 or more $3.80 each.

N-6149 DWARF JONATHAN. 5-6 ft. $3.95 each; 4 or more $3.80 each.

N-6151. DWARF WEALTHY. 5-6 ft. $3.95 each; 4 or more $3.80 each.

N-6154. DWARF QUINTUPLET. 5-6 ft. $5.95 each.

Pear

N-6215 DWARF BARTLETT. 4-5 ft. $3.60 each; 4 or more $3.50 each.

N-6217 DWARF KIEFFER. 4-5 ft. $3.60 each; 4 or more $3.50 each.

Peach

N-6440 DWARF ELBERTA. 4-5 ft. $3.65 each; 4 or more $3.45 each.

N-6441 DWARF POLLY. 4-5 ft. $3.65 each; 4 or more $3.45 each.

NEW! WALNUT TREES

N-6886 THOMAS BLACK WALNUT. A wonderful new grafted tree. Produces Black Walnuts that are much larger and much easier to crack and remove the meat. Bears nuts very young, often the second or third year. Grows in any soil anywhere in the U.S. 2 to 3 ft., $3.95 each; 2 for $7.50.

N-6882 CARPATHIAN WALNUT. At last! A real English Walnut just like those grown on the west coast, producing thin-shelled, fine-flavored nuts, but hardy. Can live and bear in all but the extreme-cold states such as Northern Minnesota, Dakotas, etc. An exceptionally fine tree, stately, magnificent, productive. 3 to 4 ft., $4.25 each; 3 or more $3.75 each.

FOUR *All Americas* and a Vaughan's EXCLUSIVE

NEW FOR '62

2280 DIANTHUS Bravo (Silver Medal All America 1962). Lightly fringed blooms of brightest scarlet-red. Pkt., **50¢.**

6042 ZINNIA Red Man (Bronze Medal All America 1962). Delicately quilled brilliant scarlet flower, lacy airy petallage eliminates that "heavy" look. Giant size blooms. Pkt., **50¢.**

3166 MARIGOLD Brownie Scout. The rich gold bloom with its small red fleck at the base of the petal is truly the "Blossom for the Birthday Year" of the Girl Scout. Pkt., **25¢.**

1065 BASIL ORNAMENTAL "Dark Opal" (Bronze Medal All America 1962). The small lavender-white flower is in striking contrast to the dark purplish-bronze foliage. Pkt., **50¢.**

6036 ZINNIA Golden Heart (A Vaughan Exclusive). The dazzling scarlet-red petals unfold revealing the heart of rich golden yellow. A striking color contrast. Pkt., **25¢.**

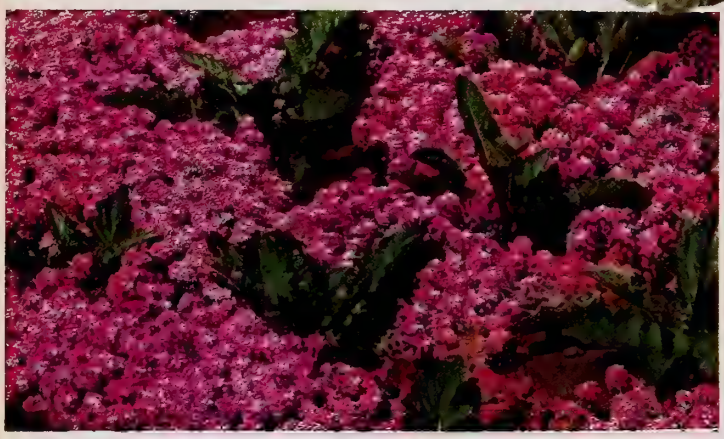
6020 ZINNIA Old Mexico (Silver Medal All America 1962). Rich mahogany-red base overlaid with varying shades of golden yellow. Uniform bicoloring, large double flowers. Pkt., **50¢.**

Beautiful Flowers for BORDERS and CUTTING

265 ALYSSUM Royal Carpet. Rich violet-purple flowers. Uniformly compact in color and plant growth. 4 in. Pkt., **25¢.**

255 ALYSSUM Vaughan's Carpet of Snow. The frothy tiny white blooms completely cover the plant. 4 in. Pkt., **25¢.**

1138 BELL OF IRELAND. Whether used as a background plant in the garden or as a filler in your floral arrangements, this little "green bell flower" is certain to please. Combine with **Centaurea Blue Boy** (1506, Pkt., **25¢**) for interesting effect. Pkt., **25¢.**



248 ALYSSUM Rosie O'Day. All America 1961. The deep pink blooms retain their color under most trying conditions. 3 to 4 in. Pkt., **50¢.**

451 ARCTOTIS New Hybrids. Large daisy-like blooms with their contrasting center disc, in an interesting range of color. 10 in. Pkt., **25¢.**

7162 AQUILEGIA McKana Hybrids. Richly colored large flowering Columbine. Long wiry stems. 3 ft. Pkt., **50¢.**

1212 CALENDULA Pacific Beauty Mixed. A heat resistant strain with large flowers, long stems and clear colors. 24 in. Pkt., **25¢.**

Abutilon

A greenhouse climber, does best at 68 degrees fahrenheit, and seed will germinate in 2 to 3 weeks.

120 MIXED (FLOWERING MAPLE OR CHINESE BELL FLOWER). 3 to 4 ft. As indispensable for the window or greenhouse as the Petunia is for the flower garden. Grows rapidly from seed, and is soon in bloom. Leaves very ornamental and often beautifully variegated. Lovely bell-shaped flowers, borne the year round and in all colors. Pkt., **25c.**

Achillea (Yarrow)

PERENNIAL Achilleas grow readily from seed in sunny, welldrained positions. They are fine border flowers. Seeds germinate in 1 to 2 weeks.

7008 FILIPENDULA, PARKER'S VARIETY. (Kelwayi). 3 to 5 ft. June-Sept. Clear yellow flower-heads, may be dried for winter bouquets. Pkt., **15c.**

7010 THE PEARL. 2 ft. June to August. Pure white, double flowers, fine for cutting. Pkt., **15c.**

Aconitum (Monkshood)

PERENNIAL Aconitums need rich, acid soil and prefer shade. Germination is slow and uneven, requiring five to six weeks. Care should be taken that seed bed does not dry out. They should not be moved when once established, and require a mulch in winter. The roots are poisonous.

7020 NAPELLUS. 2½ ft. July-August. Fine rich blue flowers. Pkt., **25c.**

166 Acroclinium Sensation Double Giant Mixture. Pkt., 15c

Acroclinium

ANNUAL: Showy annuals resembling the English Daisy in appearance. An interesting cutflower, can also be dried for winter bouquets. An easy-to-grow annual that can be flowered in six weeks from seed, blooming over a long period.

LOCATION: A showy border plant much prized for winter bouquets.

SOW SEED: Sow seed outdoors ¼ inch deep in fine soil when frost danger is past. Transplant or thin to 12 inches apart when plants are 3 to 4 inches tall. Seed germinates in 2 weeks.

166 SENSATION DOUBLE GIANT MIXTURE. 20 in. Double or semi-double flowers of white, chamois, flesh pink and bright rose. Pkt., **15c.**

7055 ALYSSUM Saxatile Compactum. Pkt., 25c

Ageratum Floss Flower

ANNUAL: Dense clusters of fluffy blooms freely produced through Summer until killed by frost.

LOCATION: In great demand for borders, edges and rock gardens; also a desirable indoor pot plant. Does well in full sun or half shade in light, well-drained soil.

SOW SEED: Seed should be sown outdoors after all danger of frost is past or earlier indoors in seed boxes. When seedlings are 2 inches tall thin or transplant to 8 inches apart in row. Do not cover seed too deeply, ⅛ inch of fine soil is sufficient. Seed germinates in approximately 2 weeks.

195 MIDGET BLUE. Uniformly dwarf plant covered with small mid-blue flowers over a long season. 2 to 3 in. Pkt. **25c.**

197 BLUE BALL IMPROVED. Attractive flower heads of dark blue. Derives its name from the shape of the plant. 6 in. Pkt., **25c.**

225 GIANT BLUE TETRA "BLUE MINK". Giant trusses of fluffy powder-blue flowers. Uniformly compact and even in growth, comparing favorably to sorts usually produced from cuttings. 5 to 6 in. **Illustrated in color on page 53.** Pkt., **35c.**

214 FAIRY PINK. A compact dwarf of soft salmon pink that begins to flower when 2 inches high and when fully developed is a mound of bloom. 5 in. Pkt., **25c.**

Fragrant Alyssum

ANNUAL: An easily grown free flowering annual. The plant is literally covered with small fragrant blooms. For an unusual effect, combine the dwarf white with the bright blue of the dwarf Lobelia and dwarf Ageratum.

LOCATION: Excellent for edgings, parkway strips, rock gardens and window boxes. Blooms continuously from Spring until killed by late frost. Prefers a sunny well-drained location and for prolonged bloom recommend shearing plants lightly with scissors after peak bloom to remove seed pods, then water well.

SOW SEED: Using well prepared soil, sow seed directly into the ground where they are to remain, after danger of frost is past. Cover seed to a depth of ⅛ inch with fine soil and press firmly into ground. May be sown very late in Fall, just before the winter-freeze, for earliest spring bloom. Suggest thinning to 6 inches apart in the row when plants are 2 inches tall. Seed germinates in 5 to 10 days.

248 ROSIE O'DAY. Silver Medal All America 1961. An early flowering soft rose-pink that holds its color throughout the season. Dwarf compact plants but 3 to 4 inches high, attain a spread of 10 inches when fully grown. Outstanding. **Illustrated in color on page 36.** Pkt., **50c.**

245 PINK HEATHER. All America Bronze Medal 1959. Soft lavender-pink blooms which develop to a deeper tone as weather cools. In color this is likened to the popular "Scotch Heather" from which the name is derived. 6 in. Pkt., **50c.**

255 VAUGHAN'S CARPET OF SNOW. A froth of tiny snow-white blooms completely cover the plant, creating the impression of a snowy white carpet. **Illustrated in color on page 36.** 1 oz., **$1.80;** ½ oz., **$1.00;** ¼ oz., **55c;** pkt., **25c.**

250 MARITIMUM "SWEET ALYSSUM". Honey-scented blooms produced from early in the season until late frosts. Recommend this for mass effect and fragrance, not an edging sort. 10 in. Pkt., **25c.**

259 VIOLET QUEEN. Bright clear violet hue, holding color through hottest driest summer. 1 oz., **$2.00;** ½ oz., **$1.10;** ¼ oz., **60c;** ⅛ oz., **40c;** pkt., **25c.**

265 ROYAL CARPET. All America Silver Medal 1953. Rich violet-purple of compact spreading habit. Remarkably uniform in color and growth. The perfect companion to Vaughan's Carpet of Snow. **Illustrated in color on page 36.** 4 in. 1/16 oz., **65c;** pkt., **25c.**

256 VIOLET AND WHITE MIXED. 4 in. Pkt., **25c**

Alyssum (Madwort)

PERENNIAL A free flowering rock garden or border plant that has proven most hardy under our conditions. Seed germinates in 3 to 4 weeks.

7055 SAXATILE COMPACTUM (BASKET OF GOLD). 9 in. Almost as soon as winter is over it becomes a mass of yellow gold. Pkt., **25c.**

7056 SILVER QUEEN. (Compactum Sulphureum Citrinum). Lovely pale lemon flowers. Very effective with lavender or pink Tulips. Pkt., **15c.**

7057 ROCK GARDEN VARIETIES MIXED. Many rare species in mixture. Pkt., **15c.**

We have consolidated Annual, Perennial, Biennial and Home Greenhouse—House Plant Flower Seeds in close alphabetical order. All are clearly marked.

Cultural Hints on Growing of Perennials and Biennials from Seed will be found on page 60.

Amaranthus

ANNUAL: A decorative plant of variegated colors. Grown for its brilliant foliage and flower heads.

LOCATION: Useful and effective for backgrounds and foundation plantings. Prefers a sunny location in well-drained soil; blooms from mid-summer until frost.

SOW SEED: Seed should be sown indoors in fine soil, not more than ⅛ inch deep. Transplant and thin to 18 to 24 inches apart when plants are 3 inches tall. Seed germinates in approximately 2 weeks.

275 TRICOLOR (Joseph's Coat). The inner foliage is dark bronze tipped with green; the outer bright scarlet red and golden yellow. Often called "Summer Poinsettia". 2½ ft. Pkt., **15c.**

311 Anchusa Blue Bird. Pkt., 25c.

Anchusa

ANNUAL: Compact plants producing large sprays of forget-me-not flowers. Easy to grow and blooming over a long season.

LOCATION: Attractive for beds or borders and excellent for cutting. Cut back growth when flowers fade and all summer bloom is assured. Prefers a sunny well drained location.

SOW SEED: Sow seed outdoors ¼ inch deep in fine soil when frost danger is past. Transplant or thin to 12 inches apart when plants are 3 inches tall. Seed germinates in 10 days.

311 BLUE BIRD. One of the best blue annuals. Upright branching stems, large sprays of flowers in a rich shade of blue with white eye. 2 ft. Pkt., **25c.**

7073 Anchusa Myosotidiflora. Pkt., 35c.

Anchusa

(African Forget-Me-Not)

PERENNIAL Anchusas provide some of the few really blue flowers. They do best in a deep, well drained soil, in a sunny position. All are excellent bee plants. Seeds germinate in 2 to 3 weeks.

7070 ITALICA, DROPMORE VARIETY. 5 ft. June-July. Gentian-blue flowers. Pkt., **15c.**

7073 MYOSOTIDIFLORA. 1 ft. April-May. Blossoms with the late Tulips, forming a mound of attractive foliage almost hidden by pale blue Forget-Me-Not blossoms. Germination is slow. Pkt., **35c.**

Anemone (Windflower)

PERENNIAL Germination is slow and uneven, requiring 5 to 6 weeks. Care should be taken that seed bed is not allowed to dry out.

7080 CORONARIA ST. BRIGID'S STRAIN. 12 in. May-June. Double and single mixed. A beautiful selection in a wonderful array of colors. Pkt., **25c.**

7090 PULSATILLA (PASQUE FLOWER). 1 ft. Deep blue, bell-shaped flowers in April are followed by tasseled seed-pods, decorative in themselves. Pkt., **25c.**

Anthemis (Marguerite)

PERENNIAL **7114 TINCTORIA, PERRY'S VARIETY.** 2 ft. Large lemon-yellow Daisies, bloom all summer. Seeds germinate in 2 to 3 weeks. Pkt., **25c.**

7143 Aquilegia Longissima. Pkt., 35c.

Columbine

(Aquilegia)

PERENNIAL Early Spring flowering plants that bear a profusion of choice flowers in pastel and deeper colors.

LOCATION: Columbines offer a most attractive display for the perennial garden or border. Excellent for cutting and floral arrangements. For mass display, place plants 10 inches apart and for larger flowers 15 inches apart.

SOW SEED: Sow seed indoors in fine soil to the depth of ⅛ inch. Transplant or thin indoors to 3 inches apart when plants are 2 inches tall. Set outdoors 8 to 10 inches apart when frost is past. Seed germinates in 1 to 2 weeks.

7150 MRS. SCOTT ELLIOTT'S STRAIN OF LONG-SPURRED HYBRIDS. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc., with soft pastel tones dominating. Pkt., **25c.**

7160 CELESTIAL BLUE. Outstanding Scotch Strain. Large flower, long spurs. Petals rich blue, corolla and spurs lighter blue. Comes true from seed. Pkt., **25c.**

7158 LONG-SPURRED BLUE. Splendid selection from light to dark blue. Pkt., **35c.**

7141 COERULEA MRS. NICHOLLS. This is a glorified Rocky Mountain with larger flowers. Pkt., **35c.**

7145 —ROSEA (Rose Queen). 2½ ft. Light to dark rose, white center. Pkt., **25c.**

7156 CRIMSON STAR HYBRIDS. The brightest red Columbine; long spurs and outer petals rich crimson; center petals white. About 10% will be interesting bicolors. 2 ft. Pkt., **25c.**

7143 LONGISSIMA. A beautiful American species having 4 inch spurs on flowers of a delicate pale yellow. One of the most attractive. Pkt., **35c.**

7162 McKANA HYBRIDS. All America Bronze Medal 1955. An outstanding strain of rich colored, large flowering Columbine. Strong bushy plants with striking terminal flowers supported on long wiry stems above lacy foliage. **Illustrated in color on page 36.** 3 ft. Pkt., **50c.**

7150 Aquilegia Mrs. Scott Elliott's Strain. Pkt., 25c.

Arabis (Rock Cress)

PERENNIAL Dwarf spreading plants. Seeds germinate in 3 to 4 weeks.

7195 ALPINA. 1 ft. April. Pure white. Pkt., **15c.**

7197 —ROSEA. 1 ft. May. Compact rosettes of foliage and pink flowers. Pkt., **35c.**

7198 DWARF SNOW CAP. Shining snow white compact cushions. Pkt., **25c.**

Arctotis

(African Daisy)

ANNUAL: A sun-loving plant from South Africa.

LOCATION: Prefers a sunny well-drained location. Does well in a dry sandy soil. Long stems make it ideal for cutting.

SOW SEED: Sow indoors ⅛ inch deep in fine soil, or outdoors to same depth when frost danger is past. Transplant or thin to 2 inches apart indoors and transplant in garden to 12 inches apart. Seed germinates in 1 to 2 weeks.

451 NEW HYBRIDS. Large daisy-like blooms, 2½ to 3 inches across with contrasting center disc. Includes white, shades of brown, apricot-yellow, pink, red and mauve. **Illustrated in color on page 36.** 10 in. Pkt., **25c.**

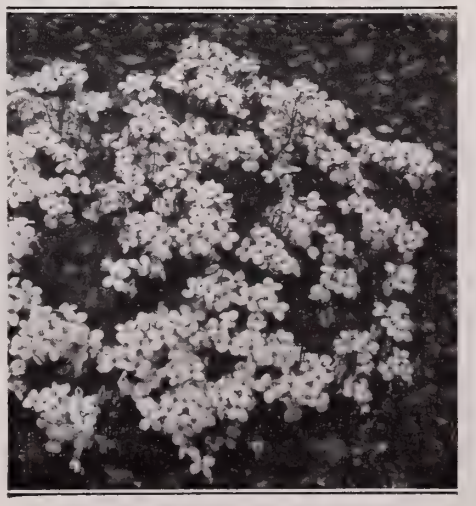
Armeria (Thrift, Sea Pink)

PERENNIAL Dwarf plants with grassy leaves and tufted growth. Flowers, the size of a silver dollar, are borne in globular heads. Seeds germinate in 2 to 3 weeks.

7206 GLORY OF HOLLAND GIANT PINK. Clear deep pink flowers on straight stems 24 inches high in profusion all summer. Fine for cutting. Pkt., **25c.**

Asclepias (Butterfly Weed)

PERENNIAL **7220 TUBEROSA.** 2 ft. One of the showiest of our native perennials, producing from July until frost brilliant orange flowers. Seed pods if gathered just as they begin to open make attractive winter bouquets. Seeds germinate in 3 to 4 weeks. Pkt., **25c.**



7197 Arabis Alpina Rosea. Pkt., 35c.

Aubrietia

PERENNIAL One of the daintiest and beautiful of dwarf creeping plants for carpeting beds or rockeries, forming brilliant sheets of blue, crimson or rose for many weeks. Seeds germinate in 2 to 3 weeks. 6 in.

7230 LARGE FLOWERED HYBRIDS, MIXED. A wonderfully fine strain, good range of colors. Pkt., **25c.**

7220 Asclepias Tuberosa. Pkt., 25c.

WE RECOMMEND

(see index on center pages)

FOR EDGINGS

Ageratum, dwarf
Alyssum
Candytuft
Lobelia
Phlox, dwarf
Portulaca
Sweet William Wee Willie
Marigold Lulu and **Ursula**
Nasturtium, dwarf
Zinnia Linearis

FOR BACKGROUNDS

Calendula
Larkspur, annual
Sunflower (Helianthus)
Marigolds, tall African
Hollyhock, annual
Zinnias, tall Giants
Castor Bean (Ricinus)
Snapdragons, tall
Amaranthus
Cleome

FOR BEDDING AND BORDER

Alyssum, Sweet
Asters
Centaurea (Cornflower)
Dianthus (Pinks), annual
Bush Balsam
Petunias
Phlox Tall Grandiflora
Salvia Splendens
Marigolds, dwarf French
Verbenas
Zinnias, dwarf
Snapdragons, dwarf

FOR CUTTING

Calendula
Aster
Calliopsis
Larkspur
Carnations
Gaillardia
Sweet Peas
Stocks
Phlox, tall Grandifloras
Salpiglossis
Scabiosa
Zinnias

HOME GREENHOUSE AND HOUSE PLANTS

Abutilon
Asparagus-Ornamental
Begonia
Browallia
Cacti
Calceolaria
Cineraria
Crossandra
Cuphea
Cyclamen
Exacum
Flame Violet
Gloxinia
Kalanchoe
Primula
African Violets
Schizanthus
Solanum (Christmas Pepper-Christmas Cherry)
Stocks-Column
Streptocarpus

Asters—Wilt Resistant

ANNUAL: An annual of great beauty coming into its own from early August until cut down by frost in late Fall. Graceful branching habit, depth of color tone and wide variation in flower formation combine in making the Aster the outstanding garden subject of late Summer and early Fall.

LOCATION: For mass-effect in the garden and for cutting, there is nothing better. Prefers rich, well drained soil and plenty of sunshine.

SOW SEED: Start seed indoors and transplant when danger of frost is past. Cover seed with fine soil, not more than ¼ inch in depth, and press in firmly. Thin to 3 inches apart when plants are 2 inches tall and set 15 inches apart in the outdoor bed. Seed germinates in 8 to 12 days.

DISEASE AND ITS CONTROL: Wilt Resistant strains are resistant to most of the "Wilts" that cause seedlings to sag suddenly and die before they can bloom. If planted in the garden among other plants, Asters do not seem as susceptible to diseases as when planted in solid blocks.

"Aster Yellows" is somewhat more difficult to control. Spraying with Malathion or D.D.T. to control leaf hoppers helps somewhat. Best preventative is to grow Asters inside a screen or cloth house such as is used for Dahlias. Plants in the open garden are subject to constant attack, so persistent, regular spraying is needed to kill the leaf hoppers that carry the disease.

BOUQUET TYPE—2 FT.

Tailor-made for the home gardener, the plants are strictly upright, bearing quilled flowers on long stems at the top of the plant. Habit allows entire plant to be cut as one bunch. Very early.

550 POWDERPUFFS MIXED. The 3 to 3½ inch fully double flowers so completely cover the plant, the foliage cannot be seen. All the popular Aster colors which include pink, azure blue, rose, crimson, white and scarlet. **Illustrated in color on page 41.** Pkt., **25c.**

GIANT CREGO (Ostrich Feather) 2 FT.

The flowers are immense on long stems. The petals are curled and twisted, plants branching. Flowers in abundance from mid-August until frost.

561 CRIMSON. **565 PINK.**
563 DEEP ROSE. **566 PURPLE.**
564 LAVENDER. **569 WHITE.**

Each of above, pkt., 25c.

575 MIXED. ⅛ oz., **60c;** pkt., **25c.**

EARLY GIANT 1½ TO 2 FT.

An early type of California Giants with very large flower and strong heavy stem.

544 EARLY GIANT MIXED. The fully double flower, with its long graceful petal, daintily plumed and intertwined is borne on long stems well suited to cutting or garden display. In a complete range of color, white, soft blues, rich rose, crimson and delicate pink. Pkt., **25c.**

GIANT BRANCHING 2 TO 3 FT.

The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. Flowers in late August.

905 AZURE BLUE. Dark lavender. **904 CRIMSON.**
903 DEEP ROSE. **901 WHITE.**
906 PURPLE. **902 SHELL PINK.**
908 SENSATION (SCARLET.)

Each of above, pkt., 15c; any 3 pkts., 40c.

898 MIXED. ⅛ oz., **60c;** pkt., **25c.**

SUPER GIANT 3 FT.

Spectacular in the garden and valuable as a cut-flower because of its long, wiry, non-branching stem and huge ostrich feather flowers. Blooms late summer to frost. **Illustrated in color on page 41.**

680 BEVERLY HILLS. Azure blue.
681 EL MONTE. Crimson.
682 HOLLYWOOD. Pure paper white.
683 PASADENA. Peachblossom.
684 SANTA BARBARA. Dark Purple.
685 LOS ANGELES. Shell pink.
689 MIXED. A full range of color. **Illustrated in color on page 41.**

Each of the above, pkt., 25c.

QUEEN OF THE MARKET (EARLY) 2 FT.

The favorite early Aster, usually in full bloom two weeks before most others begin to blossom. Of graceful spreading habit.

928 MIXED. Pkt., **15c.**

632 Aster Vaughan's Mixture Princess Varieties Pkt., 25c

PRINCESS

Flowers have crested center that remains full when flower is completely open, surrounded by multiple rows of guard petals. Blooms in late August.

632 VAUGHAN'S MIXTURE OF PRINCESS ASTERS. Our own formula blend includes a complete range of the most popular colors. Pkt., **25c.**

AN OLD FAVORITE

In the opinion of many it has never been surpassed. Blooms in late August.

929 HEART OF FRANCE. 18–24 in. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals show a soft warm velvety texture. Pkt., **25c.**

640 COLLECTION OF VAUGHAN'S WILT RESISTANT ASTERS, 75c. One packet each of six varieties. Giant Crego—569 White, 564 Lavender, 565 Pink. Giant Branching—906 Purple, 904 Crimson, 903 Deep Rose.

SINGLE CHINESE ASTERS

These daisy-like blooms of vivid coloring have become garden favorites in recent years. An excellent cutflower strain.

949 RAINBOW MIXTURE. 24 inches. A new strain of single asters producing large flowers of all colors of the rainbow, except yellow, including many tones of blue and violet, rose and crimson, but without flesh pinks or white. Pkt., **25c.**

628 A MIXTURE OF ALL GIANT VARIETIES. A formula-blend which was first prepared for our Retail Stores where it fast became the favorite because of its large number of important and popular Giant Flowered sorts with a wide range of color. An outstanding value for the cutting garden or mixed bed or border. Pkt., **25c.**

887 GIANT CALIFORNIA SUNSHINE MIXED. The flowers 4 to 5 in. across; are composed of a single row of loosely placed outer petals which contrast with the unique yellow quill-like center discs. Stems long and heavy on plants 2 to 3 ft. in height. Blooms early to mid-September. **Illustrated in color on page 41.** ⅛ oz., **90c;** pkt., **25c.**

Newer Aster Types

553 DWARF QUEEN MIXED. The large double chrysanthemum-like blooms cover the plant. Free flowering and early. Includes all the popular colors. **Illustrated in color on page 41.** 10 in. Pkt., **25c.**

559 FILIGRAN. The unusually fine needle-like petal formation adds grace to the fully double flower. The soft rose-pink color lends itself to use in garden border and as a cutflower. **Illustrated in color on page 41.** 2 ft. Pkt., **25c.**

Hardy Asters

PERENNIAL Seed germinates in 2 to 3 weeks.

7226 ALPINUS GOLIATH. Indispensable for the rockery or edge of hardy borders; 15 inches high, and bears large, showy, bluish purple flowers in May and June. Plant in full sun. Pkt., **25c.**

7225 PERENNIAL, LARGE-FLOWERING MIXED. 3-5 ft. Sept.-Oct. Various shades of blue. Pkt., **25c.**

7225 Aster Perennial Large Flowering Mixed. Pkt., 25c

Asparagus

Pot up in Fall and grow on in the greenhouse, or give good heat. Prefers a minimum temperature at night of 68 degrees and can stand 86 degrees during the day. Crack seed coat with a knife to increase and assist germination. Seed germinates in 4 to 6 weeks.

480 PLUMOSUS NANUS. Rich deep green lace-like foliage. Upright grower. Holds up well when cut. 3 ft. Pkt., **35c.**

485 SPRENGERI. For hanging baskets. Needle-like leaves on long branches. An ornamental trailing plant; fine for hanging baskets, window boxes, vases and pot plants. Pkt., **35c.**

ANNUALS FOR FRAGRANCE

Alyssum	**Heliotrope**	**Petunia**
Candytuft	**Lantana**	**Scabiosa**
Carnation	**Matthiola**	**Stocks**
Centaurea Imperialis	**Mignonette**	**Sweet Peas**
	Nasturtium	
Dianthus	**Nicotiana**	

2118 FRAGRANT ANNUALS MIXED. A mixture of the above varieties. Pkt., **25c.**

ANNUALS FOR SHADY LOCATIONS

Anchusa	**Coleus**	**Pansy**
Antirrhinum	**Cynoglossum**	**Petunia, Small Fld.**
Begonia	**Impatiens**	
Bellis Perennis	**Linaria**	**Schizanthus**
Canary Bird Vine	**Myosotis**	**Stocks**
	Nasturtium	**Torenia**
Centaurea	**Nicotiana**	**Violas**
Clarkia		

4746 ANNUALS FOR SHADE MIXED. Pkt., **25c.**

Baptisia

PERENNIAL Seed germination is slow and uneven. Care should be taken that seed bed does not dry out.

7235 AUSTRALIS (FALSE INDIGO). Forms a spreading bush 3 to 4 ft. high with Lupin-like blue flowers in June and July. Seeds germinate in 20 days. Pkt., **15c.**

We have consolidated Annual, Perennial, Biennial and Home Greenhouse—House Plant Flower Seeds in close Alphabetical order. All are clearly marked.

Cultural Hints on the Growing of Perennials and Biennials from seed will be found on page 60.

1053 Bush Balsam Scarlet. Pkt., 25c.

Bush Balsam

ANNUAL: Like miniature roses, the full-double flower appears on the top of the plant. An easily grown annual.

LOCATION: Suitable for mass bedding in half-shaded positions. Heavy soil and cool weather are desirable. Water as needed by soaking ground around plants.

SOW SEED: Sow seed early in Spring and set plants out later, or you can make your sowing directly into the open ground after frost danger is past. Cover seed to a depth of ⅛ inch and press down firmly. When plants are 4 inches high, thin or transplant to 18 inches apart in rows or beds. 1½ to 2 ft. Seed germinates in 15 days.

1057 ROSE. Delicate pink.

1055 WHITE REFLECTED ROSE.

1053 SCARLET. (Red)

Each of above, pkt., 25c; 3 pkts., 65c.

1051 MIXED. ⅛ oz., **60c;** pkt., **25c.**

Balsam (Lady Slippers)

An old favorite producing short stemmed double flowers at the axils of the leaves. The plants like hot sun, rich soil and plenty of water.

1040 DOUBLE ROSE AND CAMELLIA-FLOWERED MIXED. 1½ to 2 ft. ¼ oz., **50c;** pkt., **25c.**

Basil Ornamental

ANNUAL: An attractive foliage plant quickly and easily grown from seed. For borders and mass planting.

1065 DARK OPAL. Slender spikes of small lavender-white flowers are in striking contrast to the dark purplish-bronze foliage. Compact plant, growing 15 inches high with a spread of 12 inches. **Illustrated in color on page 35.** Pkt., **50c.**

Bell of Ireland

"The Irish Green Bellflower"

ANNUAL: An old garden favorite (Molucella Laevis) which is enjoying renewed popularity. Unusual and beautiful soft bell-like florets of pale green.

LOCATION: Length of stem makes this an ideal background plant and provides cutflower material throughout the Summer. Cut when fully developed, strip off the leaves and hang upside down to dry in a cool dry place. Very effective in floral arrangements, either fresh or dried.

SOW SEED: Plant seed outdoors after danger of frost is past, where plants are to remain. Does not transplant well. Seed should be sown on top of ground and firmed into soil. Thin to about 15 inches apart. Seed germinates in 1 to 2 weeks.

1138 BELL OF IRELAND. Graceful branching stems surrounded by 2 inch flowers. The bell-shaped calyx of soft green delicately veined con'ains a white corolla. **Illustrated in color on page 42.** 2 ft. Pkt., **25c.**

Bird of Paradise

ANNUAL: Fancied resemblance of the flower, in profile, to the head of the Bird of Paradise gives it the name. An interesting garden strain sure to cause comment wherever grown.

CAUTION: This is not the large commercial strain seen in the florist's shop, but is a very fine garden strain.

SOW SEED: Sow seed indoors in fine soil and when plants are large enough to handle, 2 to 3 inches tall, transplant or thin to 4 inches apart and set small plants into open ground when frost danger is past. A heat loving plant very susceptible to cold. Seed germinates in 15 days.

1149 BIRD OF PARADISE (Poinciana Gillesi). Blossoms of rich golden yellow with long incurving stamens and pistils of crimson. 2 ft. Pkt., **15c.**

Begonias

FIBROUS-ROOTED EVER-BLOOMING

A continuous flowering class of greatest value for bedding; the flowers are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of spring bloom in summer, while seedlings of summer make decorative winter house plants.

Use a non-acid peat for best seed germination. Do not cover seed, except with paper, until the seedlings sprout. Keep surface of soil moist but not soggy.

Since Begonia seedlings will burn if exposed to full sun; we recommend this be carefully watched. A well-shaded area high in humidity is best.

Begonia seed is very fine. Open packets carefully over a sheet of white paper. Seeds germinate in 2 to 3 weeks.

1075 ADELINE. Dwarf. Bright pink flowers and green foliage. Pkt., **35c.**

1071 CHRISTMAS CHEER RED. The blooms attain a diameter of 2 inches. Dark crimson-scarlet. Pkt., **35c.**

1073 SNOWBANK. The finest dwarf white. Large flowers of purest white. Compact and uniform in growth. Foliage bright clear green. Pkt., **50c.**

1066 PINK PEARL. Of dwarf compact habit, plants form perfect balls. Flowers are borne well above the bright green foliage. Pkt., **$1.00.**

1067 RED PEARL. Identical to the above in type and blooming habit. Color a brilliant dark scarlet. Pkt., **$1.00.**

1080 SCANDINAVIA PINK. An outstanding large flowered pink. Plants of branching habit, with dark green foliage. Pkt., **35c.**

1090 VAUGHAN'S SPECIAL MIXED. Finely balanced blend of full color range. Pkt., **25c.**

S-301 SEMESAN. To prevent damping off in gladioli, begonias etc. 4 oz., **$2.50;** postpaid **$2.65.**

TUBEROUS ROOTED

For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted Begonias for greenhouse and for summer bedding. A little difficult to raise without a greenhouse. Seeds germinate in 2 to 3 weeks.

For Bulbs of Begonia Tuberous rooted
see index on center pages.

1100 DOUBLE TUBEROUS ROOTED VAUGHAN'S SPECIAL MIXTURE. Form and color weave a magic spell in this cream of a specialist collection containing the lovely camellia and rose flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Flowers 5 to 8 in. across. Seed sown in January or February make good sized plants by August. Leaflet on culture supplied with seed. Pkt., **$1.00.**

BEGONIA, Type of Pink Pearl and Red Pearl

Brachycome

ANNUAL: A dainty, free-flowering, dwarf-growing annual in bloom the greater part of the Summer.

LOCATION: Suitable for edgings and borders, also rock gardens. Often potted for indoor flowering.

SOW SEED: Sow seed to a depth of ⅛ inch in fine soil when danger of frost is past. Transplant or thin to 6 inches apart when plants are 2 to 3 inches tall. Seed germinates in 10 to 14 days.

1146 MIXED. Includes shades of lavender, white and blue. 12 in. Pkt., **15c.**

For something different in your bouquet of Everlastings, use Bell of Ireland. This unusual bit of green makes an excellent filler and will create quite some interest.

Browallia

1155 SPECIOSA MAJOR. Large bright blue flowers with a white throat. Very free flowering. Seed germinates in 2 to 3 weeks. Pkt., **35c.**

Cacalia

ANNUAL: An easy to grow, interesting and unique annual. The fluffy tassel-like flower (from which it derives the common name) is freely produced on branching stems.

LOCATION: In bloom from early Summer until late Fall, will provide a mass of color in the garden border. Useful for bowl and floral arrangements.

SOW SEED: Sow ⅛ inch deep in fine soil when danger of frost is past. Transplant or thin to 6 to 8 inches apart when plants are 2 inches tall. Seed germinates in 2 weeks.

1170 MIXED. Fluffy tassel-like blooms, ½ inch in diameter, in a rich scarlet-red or gold color. 1½ to 2 ft. Pkt., **15c.**

Grow Cacti from Seed

ANNUAL: Growing Cacti from seed is easy and interesting, each miniature plant being perfect. The seeds germinate irregularly over a period of 14 to 40 days.

1251 CACTI. All kinds and forms mixed. Pkt., **25c.**

Calceolaria

Water only when dry. Too much water causes yellowing of foliage. Seed germinates in 2 to 3 weeks. Prefers a semi-shaded location in a cool room.

1179 HYBRIDA MULTIFLORA NANA MIXED. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pkt., **$1.00.**

1184 HYBRIDA GRANDIFLORA TRIUMPH STRAIN. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. Pkt., **$1.00.**

Hot Weather Calendula

ANNUAL: One of the easiest of Annuals to grow from seed. These new strains combine large flowers, long stems and richness of color to make them outstanding for garden decoration and cutting.

LOCATION: Do well in almost any kind of soil; very desirable for beds, borders and as cutflowers. Keep flowers cut for continuous bloom.

SOW SEED: Plant seed outdoors after danger of frost is past or indoors in seed boxes and when plants are about 2 inches tall thin or transplant at least 10 inches apart in the garden row. Cover seed ¼ inch with fine soil, well pressed down. Water freely by letting hose run on the ground near the plants. In hot sections, make a second sowing in early Summer and have blooms in the cool fall days. Seed germinates in 10 to 16 days.

PACIFIC STRAIN

These new Pacific Beauty Calendulas are bred to withstand the summer heat better than other sorts. Uniformly large flowers of excellent form, clear colors, long straight stems. 24 in.

1209 PACIFIC GOLDEN GIANT. True gold-orange.

1208 —APRICOT BEAUTY. The attractive two-toned effect is more clearly pronounced than in the older type.

1210 —CREAM BEAUTY. Creamy-white deepening to soft yellow.

1213 —FLAME BEAUTY. Clear deep orange.

1211 —LEMON BEAUTY. Pure lemon yellow.

Each of the above Pkt., 25c; any 4 pkts., for 80c

1212 PACIFIC BEAUTY MIXED. A blend of the above described varieties. **Illustrated in color on page 36.** ⅛ oz., **50c;** Pkt., **25c.**

QUILLED CALENDULA

1222 RADAR. Rich medium orange flowers. The unusual quilled petal makes it attractive for use either in the garden border or for cutting. Pkt., **25c.**

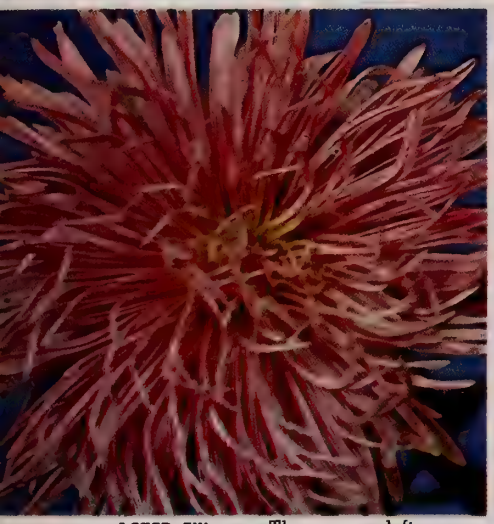
1206 VAUGHAN'S SPECIAL MIXTURE. (Bedding Varieties). This is a well balanced mixture of the finest named varieties, including the giant variety Campfire, Pacific Beauty the popular Crysantha strain and other fine varieties and types.

In color they range from soft cream yellow to bright orange, giving a delightful collection for cut flower use, as well as for border display. They are selected for heat resistance, so give a longer season of bloom than most. Pkt., **15c.**

ATTRACTIVE *Aster Collection*

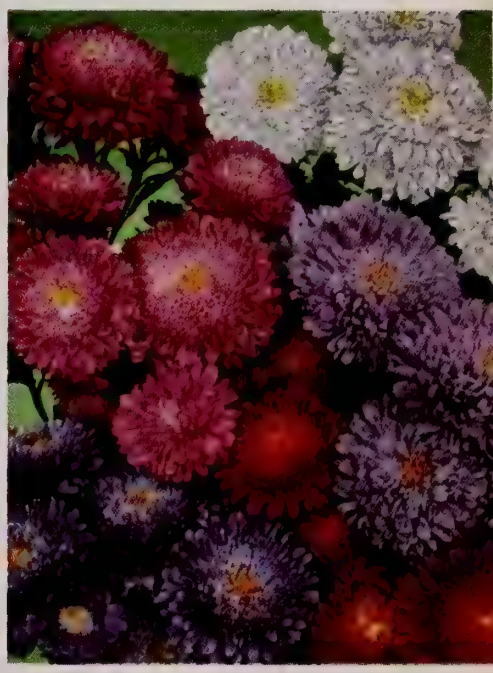
553 ASTER Dwarf Queen Mixed. Large double chrysanthemum-like flowers in all the popular Aster colors. Early, free flowering. 10 in. Pkt., **25¢.**

550 ASTER Powderpuffs Mixed. So completely do the flowers cover the plant, little or no foliage is seen. Quilled petals, long stems and very early to bloom make this a most desirable cut flower. 2 ft. Pkt., **25¢.**



559 ASTER Filigran. The unusual fine needle-like petal formation adds grace to the large, fully double flower. Soft rose-pink color tone lends itself to all garden and bouquet arrangements. 2 ft. Pkt., **25¢.**

887 ASTER Giant California Sunshine Mixed. The loosely placed outer petal provides interesting contrast to the unique yellow quilled center. 2 to 3 ft. Pkt., **25¢.**



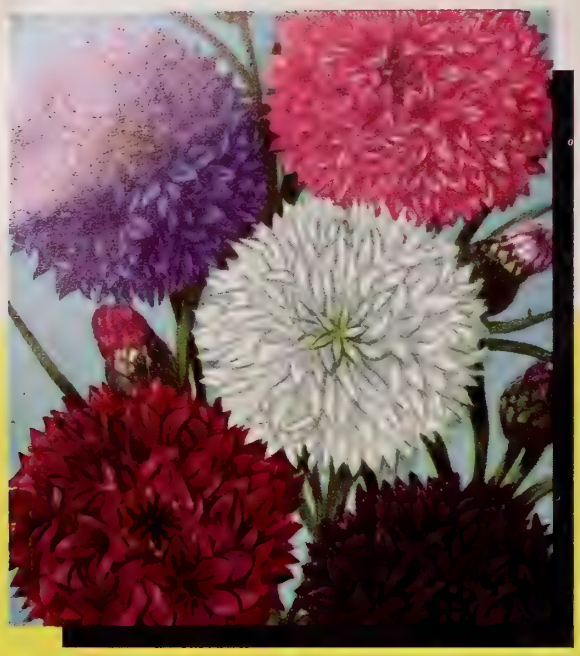
661 *Aster Collection.* Includes 553, 689, 559, 887, 550 described above and to right. 5 Pkts., $1.25 Value, only **$1.00.**

7344 CAMPANULA Persicifolia Blue. Bell-shaped flowers of soft blue on stiffly erect stems. 30 in. Pkt., **25¢.**

1390 CARNATION Vaughan's Special Mixture. Our own blend of the best garden strains which includes Giant Enfant de Nice, Giant Margaret and Chabaud Giant Improved. Pkt., **35¢.**

689 ASTER Super Giant Mixed. Huge ostrich feather bloom on long, wiry stem. Valuable as a cut flower. 3 ft. Pkt., **25¢.**

FOR COLORFUL



1522 CENTAUREA Cyanus Double Vaughan's Special Mixture. Our own blend of the popular "cornflower" colors, so useful for cutflowers or garden decoration. 3 ft. Pkt., **25¢.**

1621 CHRYSANTHEMUM Korean Hybrids. Large single flowers in many rich color tones and particularly desirable as cutflowers or use in the garden border 1½ ft. Pkt., **35¢.**

1855 COLEUS Vaughan's Rainbow Mixture. Medium large leaves, rich vivid colors. 12 to 18 in. Pkt., **25¢.**

1443 CELOSIA Toreador. Velvety combs of a lustrous bright red with scarlet highlights. Use in combination with Marigold Cupid (3196, 25¢) for an interesting effect. Pkt., **25¢.**

1928 STRAWBERRY CORN. Tiny "popcorn" ears of rich shiny mahogany color enclosed in a straw-colored husk. Pkt., **25¢.**

1451 CELOSIA Golden Fleece. Plumes of pure gold with rich bronzy-red foliage. Much in demand for garden bouquets. 2½ ft. Pkt., **25¢.**

1927 CALICO CORN (Indian or Squaw Corn). No two ears are identical in color combination. All are bright and interesting. Combine with Strawberry Corn and Gourds for winter bouquets. Pkt., **15¢.**

ORNAMENTATION

Add Brilliant Color WITH THESE FLOWERS

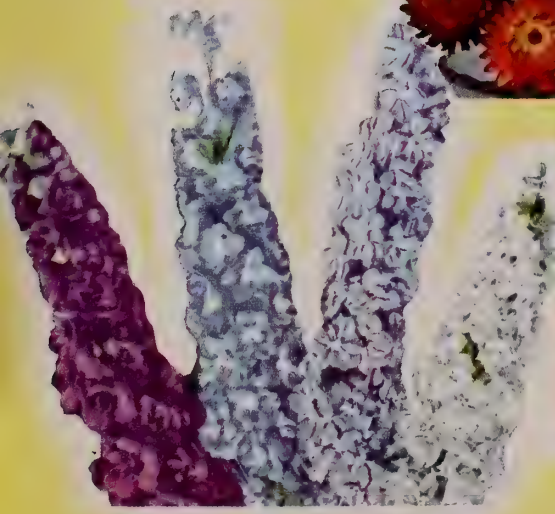
2086 DAHLIA Unwin's Dwarf Hybrids. Early to flower in an interesting assortment of colors. Medium sized blooms on good cutting stems. 20 in. Pkt., **25¢.**

2941 MORNING GLORY Clarke's Heavenly Blue. The clear blue flowers are produced quite early and in great profusion. Pkt., **25¢.**

2820 HELIOTROPE Mammoth Mixed. Large flower heads of unusual beauty in shades of blue and lilac. Very fragrant. 1 ft. Pkt., **25¢.**

2883 IMPATIENS Baby Mixed. The dwarfest strain. Includes orange-scarlet, pink, white and scarlet. Low growing, free flowering, rich color tones. Pkt., **50¢.**

2810 HELICHRYSUM (Strawflower) Vaughan's Special Mixture. Includes the most popular colors. Widely used for winter bouquets. 2 ft. Pkt., **25¢.**



7559 DELPHINIUM Pacific Giants Round Table Series. Huge double blooms in beautifully varied shades are clustered around the tall stately spike. 4 to 6 ft. Pkt., **25¢.**

7688 Sweet William (Dianthus Barbatus) Single Dwarf Indian Carpet. Large blooms ranging from white to deepest red, many are tri-colored. Excellent in the perennial border. Very free flowering. 3 to 4 in. Pkt., **25¢.**

2058 DOUBLE GLORIOSA DAISY. All America 1961. Rich golden-yellow double and semi-double bloom with brilliant color contrast in the dark velvety center. 18 in. Pkt., **50¢.**

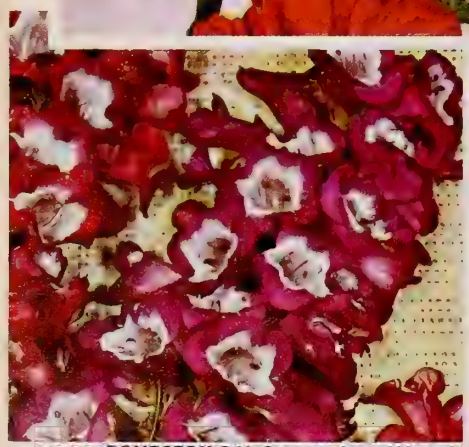
Beautiful IN ANY GARDEN

1922 BUSH MORNING GLORY Royal Ensign. The deep yet bright ultra-marine blue of the flower is set off by the white halo surrounding the rich gold throat. 8 in. Pkt., **25¢.**

5848 SURPRISE GARDEN MIXTURE. Includes some old favorites, as well as many newer and little known annuals. For cutting or decoration in the garden border. Easy to grow. Oz., **50¢.**

2133 LARKSPUR Supreme Mixed. Long graceful spikes of beautiful double florets in a variety of colors. 5 ft. Pkt., **25¢.**

3739 NASTURTIUM Vaughan's Double Tall Glorious Gleam Hybrids. The rich color tones combine with the fresh green of the foliage in making this one of the most popular Annual Climbers. Very fragrant. **15¢.**



3920 PENTSTEMON Sensation Mixed. Large blooms, rich deep colors and strong stiff stems make this garden favorite a top cutflower variety. 2½ ft. Pkt., 25¢.

3154 MARIGOLD Climax Mixed. The lush green foliage provides a perfect foil for the rich yellow and orange color tones. Includes the popular "Toreador." Pkt., **50¢.**

8420 PRIMULA Veris Colossea Mixed. Large heads of florets borne on stiff stalks. A representative range of colors is shown in our illustration. 12 in. Pkt., **35¢.**

Calliopsis

ANNUAL: The ideal garden flower. Daisy-like blooms in great profusion. Easily grown and quite hardy, it thrives in the poorest of soils.

LOCATION: The graceful habit of the plant makes it useful in the garden border and for cutting. In flower from July to September.

SOW SEED: Sow in Spring as soon as the soil and weather permit, use fine soil and plant to a depth of ⅛ inch. Thin plants to 6 to 10 inches apart when 3 inches tall. Water as needed by soaking ground around plants. Seed germinates in 10 to 20 days.

1245 VAUGHAN'S SPECIAL MIXTURE. An interesting range of color includes variations of yellow and orange, brown, maroon and crimson; many are marked with bands or centers of contrasting colors. 1 to 2 ft. Pkt., **15c.**

7270 Campanula Cup and Saucer Mixed. Pkt., 25c.

Campanulas

This brilliant family includes biennials, as well as a number of true perennials, varying in height from dainty rock garden subjects 8 inches tall to the stately Persicifolia types which reach 3 feet. Seeds germinate in 2 to 3 weeks.

Canterbury Bells

BIENNIAL: The Canterbury Bells are biennials, that is, from seed sown one year, the plants will bloom the following year, the plant then dies. To keep up a yearly display they should be sown annually. 36 in.

7330 DOUBLE MIXED. Pkt., **15c.**

7310 SINGLE MIXED. Pkt., **25c.**

CUP AND SAUCER

7270 MIXED. 2 ft. June-Aug.

7285 BLUE. **7280 PINK.**

7284 LILAC. **7275 WHITE.**

Each of the above, Pkt., 25c.

Perennial Campanulas

PERENNIAL Seed sown one year, plants will bloom the next and for several years following, increasing each year.

7260 CARPATICA (HAREBELL) BLUE. 9 in. June to Aug. Forms cup-shaped, upright blooms of a light violet-blue. Likes partial shade. Pkt., **15c.**

7344 PERSICIFOLIA (PEACH BELLS). BLUE. 2-3 ft. June-July. Fine border plant. **Illustrated in color on page 41.** Pkt., **25c.**

7345 —ALBA. White. Pkt., **25c.**

7347 —WEDGEWOOD. Large flowers of deep violet blue. Does well in full sun or partial shade. Pkt., **35c.**

7350 —MIXED. Blue and white. Pkt., **25c.**

7370 VAUGHAN'S SPECIAL MIXTURE OF CAMPANULAS. A grand assortment of all varieties, Pkt., **25c.**

Sow perennial seeds early in the Spring. Summer sowing means smaller plants that require more care.

1295 Candytuft Fairy Mixed. Pkt., 25c.

Candytuft

ANNUAL: A fragrant colorful plant, yielding clusters of small flowers in abundance.

LOCATION: Showy and attractive in beds, borders, edgings and rock gardens. Fairly light soil and an open sunny spot, combined with cool weather are favored by this gay little annual. Successive plantings at 3 week intervals are advisable to insure a continuous show of color.

SOW SEED: Sow outdoors as early as weather permits, covering seed to a depth of ¼ inch. Transplant or thin to 4 inches apart when 2 inches high. Seed germinates in 10 to 15 days.

1260 GIANT HYACINTH FLOWERED WHITE. Branching plants with long thick hyacinth-like spikes of pure white flowers. 1 ft. Pkt., **25c.**

1287 UMBELLATA MIXED. Clusters of small flowers, umbrella-like in appearance, in a wide range of color. 1 ft. ¼ oz., **45c;** pkt., **25c.**

1295 FAIRY MIXED. Compact little plants in a wide range of color. Use this wherever a ribbon-like effect of bright bloom is desired. 8 in. Pkt., **25c.**

Candytuft (Iberis)

PERENNIAL Dwarf evergreen plants. 6 to 10 in. Covered with blooms in spring and early summer. Seeds germinate in 2 to 3 weeks.

8075 GIBRALTARICA. Pinkish white. Pkt., **15c.**

8080 SEMPERVIRENS. Sheet of white. Pkt., **25c.**

Watering

Moisture plays an important part in the success or failure of your gardening efforts. The simple suggestions we make will, if carefully followed, insure maximum success and minimum disappointment.

INDOORS: When sowing seed indoors to be later set into the open garden, use a standard florists' pot or pan (shallow pan) or a "flat," which is a shallow box. Be sure there are holes bored in the bottom for drainage. Cover the drainage holes with broken pottery or coarse gravel and then fill with potting soil. This is a mixture of half sand and half black loam. Firm soil and sow seeds in rows, marking each row to identify sowing. Water by setting box or pot in water so that it soaks up from below, or use a fine spray which does not wash the soil. At no time should soil be allowed to dry, neither should it become water-logged.

OUTDOORS: It is harder to control moisture when making direct ground sowings. Once seed has been sown and the soil firmed well over it, care must be taken that at no time does it become hard and dry. Excessive watering will cause seed to rot, the soil to sour and "damping-off" will result. Once plants have become established, water by soaking ground around the plant rather than sprinkling from the top.

Mixtures of Annuals containing many different species, such as our Surprise Garden Mixture and Annuals for Cutflower Mixture, should be sown in two lots. Some species grow best under cool conditions, others when soil is warmer.

We recommend sowing the first lot as soon as the ground can be worked in Spring. The second should be sown when late Tulips are in flower, or when peony buds are showing color. This double sowing will give a much wider range of Annuals from a single packet.

Carnations

ANNUAL: The delightful, spicy fragrance of Carnations is loved by all. Although a perennial, the Carnation is best treated as an Annual and we recommend inside spring sowing of seed for bloom in five months in your garden border.

LOCATION: Prefers rich, well-drained soil and a sunny location. Desirable for beds and borders; a favorite cutflower.

SOW SEED: Plant indoors in shallow boxes early in Spring or can be sown outdoors after all danger of frost is past. Cover seed ⅛ inch with fine soil well pressed down. When seedlings are 2 inches high, transplant to another box. As soon as weather permits, set plants outdoors 12 inches apart. From an early Spring sowing, blooming plants can be had in 5 months.

1329 GIANT ENFANT DE NICE MIXED. Giant double flowers coming 75% true to color from seed. A compact grower with extremely stiff stem and flowers averaging 2½ inches across in a full range of color. Requires no disbudding. 16 in. Pkt., **25c.**

1350 GIANT MARGARET MIXED. Large flowers, 3 inches or more across, in a range of color that includes white, pink, crimson and striped. An upright grower. 16 to 20 in. Pkt., **25c.**

1340 CHABAUD GIANT IMPROVED MIXED. Large clove-scented blooms. Start early and give some support. You will be rewarded with fine summer cutflowers. Pkt., **35c.**

1337 ORANGE SHERBET (Chabaud Type). The deeply laciniated petals are striped and flushed with scarlet on an apricot-orange ground. Flowers are large, double and clove scented. 15 to 18 in. Pkt., **35c.**

1390 VAUGHAN'S SPECIAL MIXTURE. Our own blend of the best strains. **Illustrated in color on page 41.** Pkt., **35c.**

7401 Carnation Grenadin Mixed. Pkt., 25c.

Garden Carnations

PERENNIAL A valuable bedding variety with double flowers, blooming first year from seed if sown early. Soon after they are through blooming the tops should be cut. The Grenadin type will branch and will carry on through another year. If this operation is not done, in most cases the Grenadin type is only a biennial. Seeds germinate in 2 to 3 weeks.

GRENADIN DWARF. 15 in.

7396 DWARF BRIGHT SCARLET. Double flowers of rich intense scarlet exceedingly showy. Blooms from seed first year if sown early. Pkt., **25c.**

7415 CHOICE MIXTURE. Early Vienna type, nice range of color. Pkt., **25c.**

GRENADIN-20 in.

7398 GOLDEN SUN. Early flowering, very double, large clear yellow flowers.

7390 KING OF THE BLACKS. Darkest red, very fine.

7395 RED. (Scarlet).

7385 TRIUMPH ROSE.

7400 WHITE.

7401 MIXED.

Each the above 6: Pkt., **25c.**

Celosia

ANNUAL: An old-fashioned garden favorite which has been constantly improved by the addition of new types and color combinations. Easily grown annual from seed; flowering from mid-summer until frost.

LOCATION: Effective in the garden border. Dwarf sorts make excellent pot plants. The dried flowerhead is frequently used in winter bouquets. Prefers sunny location; warm rich soil and plenty of water. Flowers from mid-summer until killing frost.

SOW SEED: Sow seed indoors in early Spring or outdoors after all danger of frost is past. Seed is very small; barely cover with fine soil, firmly pressed down. Transplant or thin indoors to 3 inches apart. When frost danger is past set plants about 12 inches apart in rows or beds. Seed germinates in about 2 weeks.

FOR WINTER BOUQUETS: Cut flowers at any growing stage, strip off leaves, hang head downward in a very dry, cool dark place. Do not let flowerheads touch. Allow to dry two weeks, carefully remove chaff by rubbing off flowers. They are now ready for use.

CRESTED SORTS

Gilbert Varieties

1442 NEW PENNY. The shining copper color of the "new penny" in subtle shadings of salmon-orange, copper and red-gold. 2 ft. Pkt., **25c.**

1436 MAPLE GOLD. The globular head of predominantly golden maple color, varying towards rose pink. 3 ft. Pkt., **25c.**

1437 ROSE BEAUTY. Uniform bright rose pink on a silver base coming 90% true to type. 2 ft. Pkt., **25c.**

1439 HARLEQUIN. Pinkish gold turning to salmon, then to a bright shell-pink as flower matures. 2 ft. Pkt., **25c.**

1434 MAPLE GOLD AND ROSE BEAUTY MIXED. A blend of the two most popular colors. 2 ft. Pkt., **25c.**

1440 GREEN GOLD. Ball shaped combs of silver green fused with light pink and a touch of yellow. Bright green foliage. 2 ft. Pkt., **25c.**

1441 GOLD DUST. Rich yellow with silvery sheen, bright green foliage. Turns a deep gold or chartreuse as flower matures. 2 ft. Pkt., **25c.**

1443 Celosia Toreador with 3196 Marigold Cupid Yellow.

1443 TOREADOR. Large velvety combs up to 12 inches across, lustrous bright red with scarlet highlights. Stems are stiff and sturdy with luxurious bright green foliage. We suggest combining with **Marigold Cupid Yellow (3196)** for an unusual effect. 18 in. **Illustrated in color on page 42.** Pkt., **25c.**

1435 TALL MIXED. Includes all the popular colors. 2 ft. Pkt., **15c.**

1430 CRESTED DWARF SORTS MIXED. Popular for edging or as a pot plant. 8 to 10 in. Pkt., **25c.**

OSTRICH PLUME SORTS

The numerous massive plumes, resembling ostrich feathers, wave gracefully above the foliage. Lends itself to use in the mixed garden bouquet.

1458 FOREST FIRE. Brilliant fiery orange-scarlet plumes in striking contrast to the rich bronzy-red foliage. An interesting subject for the late garden. 2½ ft. Pkt., **25c.**

1451 GOLDEN FLEECE. Tremendous plumes of pure gold for garden decoration or cutting. Does exceptionally well in hot summers. 2½ ft. **Illustrated in color on page 42.** Pkt., **25c.**

1460 PRIDE OF CASTLE GOULD. Immense flower heads in many interesting colors. 2 ft. Pkt., **25c.**

1515 Centaurea Cyanus Double Rosie. Pkt., 25c.

Centaurea Cyanus

ANNUAL: An easily grown, hardy garden annual, commonly known as "Cornflower". An abundance of bright, beautifully colored, long-stemmed double flowers from early Summer until late Autumn. A popular cutflower and useful for bowl arrangements.

LOCATION: Grows easily in all soils and in semi-shade or full sunny position. For beds, borders and cutting. Keep faded flowers cut for continuous bloom.

SOW SEED: Plant seed outdoors in Spring and early Summer. Cover with ¼ inch fine soil, well pressed down. Seed may also be planted just before the winter freeze and having withstood winter will produce an abundance of flowers of exceptional quality. Thin plants to 6 inches apart when they are 3 inches tall. Seeds germinate in 8 days. Water as needed by soaking ground around plants.

1506 BLUE BOY. The true cornflower blue. **Illustrated in color on page 36.**

1507 PINKIE. Lovely true pink.

1508 RED BOY. Deep glowing red.

1515 ROSIE. Flowers of rich rose with salmon overcast. A new color and welcome addition to the Giant Cornflowers.

1509 SNOWMAN. Pure white.

Each of the above: Pkt., 25c.

1522 VAUGHAN'S SPECIAL SUPER DOUBLE MIXED. Illustrated in color on page 42. ¼ oz., **35c;** ½ oz., **50c;** pkt., **25c.**

DWARF BACHELOR BUTTON

1504 JUBILEE GEM. Dwarf bushy plant covered with large double dark blue flowers. Excellent for edgings, borders and rock garden. 12 in. Pkt., **15c.**

GIANT SWEET SULTANS

The beautiful, decorative flowers are borne on long, strong stems; when cut and put in water will last for several days in good condition. They have a soft fragrance and add beauty to the garden picture. Seeds germinate in 8 days.

1570 IMPERIALIS, MIXED. 2½ ft. Pkt., **15c.**

Centaurea

(Hardheads, Knapweed)

PERENNIAL **7428 HARDY PERENNIAL MIXED.** A mixture of thirty hardy Centaureas. A real treat is in store for those who plant this mixture. A means of securing plants of unknown and unlisted sorts and colors. Seeds germinate in 3 to 4 weeks. Pkt., **15c.**

Cerastium

(Snow-in-Summer)

PERENNIAL **7435 TOMENTOSUM.** A low creeping plant bearing a profusion of white flowers in June and July. 4 in. Seed germinates in 2 to 4 weeks. Pkt., **15c.**

4574 ANNUALS ROCK GARDEN VAUGHAN'S SPECIAL MIXTURE. A carefully prepared mixture of low growing, many colored, free flowering annuals, which will supply color in your rock garden all summer. Pkt., **25c.**

1696 Chrysanthemum Vaughan's Rainbow Mixture. Pkt., 15c.

Annual Chrysanthemum

ANNUAL: The Chrysanthemum is among the gayest and most easily grown of all annuals. Colors are bright and the flowers freely produced from July to killing frost.

LOCATION: Very showy in beds or borders, providing a never ending supply of long stemmed flowers for cutting.

SOW SEED: Seed sowing should be made outdoors when danger of frost is past. Cover seed with fine soil to a depth of ⅛ inch. When plants are large enough to handle thin or transplant to 12 inches apart. Seed germinates in 10 to 15 days.

1696 VAUGHAN'S RAINBOW MIXTURE. A surprising range of color. The daisy-like blooms include many zoned with multi-colored rings resulting in many striking color combinations in white, rose, bronze, amber, maroon and red. 1½ ft. Pkt., **15c.**

Chrysanthemum

PERENNIAL A prized cutting strain. Best treated as an Annual. Flowers first year from seed, if sown early.

LOCATION: Ideal for border or garden and a most desirable cutflower. Prefers a well-drained location.

SOW SEED: Sow seed indoors ⅛ inch deep in fine soil, pressing firmly. This should be done very early in Spring to insure bloom the first year. Transplant or thin indoors to 3 inches apart when plants are 2 inches tall, later transplanting into the garden 18 inches apart. Blooms in September. Germination in approximately 15 days.

1621 KOREAN HYBRIDS. Large single flowers of many lovely colors. 1½ ft. **Illustrated in color on page 42.** Pkt., **35c.**

1716 Cineraria Cremer's Prize Mixture Pkt., 50c

Cineraria Hybrida

The Cineraria is highly susceptible to soil borne disease and it is recommended fresh soil be used at all times. Avoid particularly soil in which Chrysanthemums were grown. Prefers a cool spot with partial shade.

1715 VAUGHAN'S COLUMBIAN MIXTURE. A mixture of the finest strains; the flowers from 7 to 9 inches in circumference, brilliant colors. Pkt., **25c.**

1716 CREMER'S PRIZE MIXTURE. The petals in most of the blooms of this strain are wide, numerous and overlap well to form attractive heads. The plants can be finished in smaller pots, too, making shapely specimens covered with masses of blooms. Pkt., **50c.**

1723 SITER'S RAINBOW STRAIN. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth, with little leaves. Early to bloom. Pkt., **50c.**

Clarkia

ANNUAL: Wide range of color and ease of culture combine to make the Clarkia most useful and a popular annual flower.

LOCATION: Much used for cutting and bedding, the Clarkia succeeds best in cool sections where it flowers continuously if not allowed to go to seed. The cut bud opens perfectly in water. Prefers some shade.

SOW SEED: Seed should be sown 1/8 inch deep in fine soil as early in Spring as ground can be worked. When plants are 3 inches tall, thin or transplant to 10 inches apart. Seed germinates in about 2 weeks.

1790 VAUGHAN'S SPECIAL MIXTURE. Giant spikes of double and semi-double blooms in the daintiest of colors. 2 to 3 ft. 1/8 oz., **35c;** pkt., **15c.**

Cleome

ANNUAL: A most attractive bed and border plant in continuous bloom from June until killing frost.

LOCATION: Well-branched airy foliage, tall stately appearance of the plant and freedom of bloom make it readily adaptable to background work—a perfect foil for other garden annuals. Prefers a sunny location.

SOW SEED: Start indoors in February or March in fine soil covering to a depth of 1/8 inch. Thin or transplant to 2 inches apart when plants are 1 inch tall. After danger of frost is over, set the small plants in the garden row, spacing 1½ to 2 ft. apart. While seed may be sown directly in the ground outdoors after danger of frost is past, an inside start will assure earlier blooming. Seed germinates in 2 weeks.

1803 PINK QUEEN. Huge heads in a delightful refreshing shade of true pink. 4 ft. Pkt., **25c.**

1804 HELEN CAMPBELL. A glistening pure white counterpart of Pink Queen from which it was selected. Slightly earlier to bloom. 4 ft. Pkt., **25c.**

1805 MIXED. Our own blend which includes a delightful shade of soft lavender-purple. 4 ft. Pkt., **25c.**

Coleus

ANNUAL: A brilliantly colored ornamental foliage plant for house and garden. Flowers from early summer until killing frost.

LOCATION: Useful for beds, borders and edgings. When potted up in Fall and brought indoors offers a fine color display during winter months. Prefers a sunny, well drained location.

SOW SEED: Seed is best sown indoors or in a cold frame. So fine is the seed it should be barely covered with soil. We recommend merely pressing it into place. Transplant to 3 inches apart and when frost danger is past set plants out about 15 inches apart. Seed may also be sown in the open after all danger of frost is past. Water as needed by soaking ground around plants. Seed germinates in 8 to 12 days.

1855 VAUGHAN'S RAINBOW MIXTURE. Medium to large leaves of rich and vivid colors, beautifully fringed and serrated; many with unusual markings. **Illustrated in color on page 42.** 12 to 18 in. Pkt., **25c.**

1855a VAUGHAN'S RAINBOW MIXTURE. PELLETIZED SEED. Pkt., **25c.**

Coreopsis

PERENNIAL A useful and attractive perennial, both for border and cut flowers. They are of easy culture, and flower in profusion all summer. Germinate in 2 to 3 weeks.

7493 DOUBLE SUNBURST. The flowers are double, 1½ to 2 inches across, excellent for cutting, as the flowers are fine keepers and the plants easy to grow. Comes about 80% double. Pkt., **25c.**

Ornamental Corn

ARRANGE WITH GOURDS FOR DECORATIVE EFFECT

1927 CORN (Calico Indian or Squaw). The ears are used in making charm or Patio strings combined with the small gourd fruits. The kernels are of various bright colors. Matures in 100 days. **Illustrated in color on page 42.** Oz., **35c;** pkt., **15c.**

DECORATIVE AND GOOD TO EAT

1928 STRAWBERRY CORN. While this is really a "Pop Corn", its charm is in its attractive effect of the tiny ears which are only 2 in. long and 1½ in. wide and are a rich and shiny mahogany color. They are enclosed in straw-colored husks. Matures in 100 days. **Illustrated in color on page 42.** Pkt., **25c.**

We have consolidated Annual, Perennial, Biennial and Home Greenhouse—House Plant Flower Seeds in close alphabetical order. All are clearly marked.

Cultural Hints on Growing of Perennials and Biennials from Seed will be found on page 60.

1966 Cosmos Sensation Mixed. Pkt., 25c.

Cosmos From July to Frost

ANNUAL: Beautiful summer and fall blooming annuals. Huge flowers with broad fluted petals and finely cut foliage. Clear distinct variety of colors. We offer only the early flowering strains which will give a fine succession of bloom from mid-July until killing frost.

LOCATION: Desirable as a cutflower, effective when grown in large masses, backgrounds or among shrubbery. As plants grow tall, it is advisable to stake them.

SOW SEED: Plant seed outdoors after all frost danger is past, or earlier indoors in seed boxes. Cover seed ¼ inch with fine soil, pressing down. When plants are 3 to 4 inches tall, thin or transplant to at least 12 inches apart in the garden row. Seeds germinate in 8 days.

SENSATION, GIANT EARLY STRAIN

This early flowering strain will bloom in about 12 weeks from seed. 4 ft.

1964 DAZZLER. Deep crimson.

1968 PINK. Rose-pink.

1967 PURITY. White.

1969 RADIANCE. Deep rose with rich crimson zone.

Each of the above: Pkt., 25c.

1966 SENSATION MIXED. Pkt., **25c.**

1984 FIESTA. All America Silver Medal 1952. The flowers are bright gold striped with scarlet and freely borne on dwarf bushy plants. The semi-double ruffled petaled blooms are in flower all summer. An attractive cutflower and an interesting addition to the garden border. 2½ ft. Pkt., **25c.**

Ornamental Cotton

ANNUAL: 1997 Start the seed indoors and transplant to open ground when danger of frost is past. Cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make an interesting addition to the winter bouquet. Sorry, cannot be sent to California on account of quarantine regulations. Pkt., **25c.**

Crossandra

1996 CROSSANDRA. The leaves are a glossy rich green and the flower ranges in color from salmon pink to peach, and blooms for a long time. Sow seed in well sterilized soil, being sure the pot or pan has good drainage. 70 to 80 degrees fahrenheit will result in quick growth. Seeds germinate in 7 to 12 weeks. Pkt., **$1.00.**

Cuphea Firecracker Plant

Seeds germinate in 2 to 3 weeks.

1999 FIREFLY. 10 inches. A colorful border or edging plant, dwarf, compact, neat in habit, and showy. Small, delicate butterfly-like flowers of fiery red are freely produced. Flowers in 12 to 14 weeks from seed and blooms continuously. Pkt., **25c.**

CAUTION: Seeds of the **Castor Bean** (Ricinus) and **Angel's Trumpet** (Datura) are poisonous and every care should be taken to keep them away from children who are attracted to them by their bright appearance.

Cyclamen

PERSICUM GIGANTEUM

An attractive pot plant for the home. Does best at a maintained temperature of 68 degrees during germination period and requires 3 to 4 weeks. Slow to produce flowers from seed, the results are most gratifying. Prefers a cool spot.

2010 MIXED. Large, colorful fragrant blooms on strong erect stems, well above the ornamental foliage. Pkt., **50c.**

Chinese Forget-Me-Not

(Cynoglossum)

ANNUAL: Large sprays of Forget-me-not flowers in striking shades of blue and white. Easily and quickly grown from seed.

LOCATION: Charming and useful for beds and borders, mass effect and an excellent cutflower. In bloom in late Summer and until cut down by the late frosts. Water as needed by soaking ground around plants.

SOW SEED: Sow seed outdoors in Spring as soon as soil and weather permits, to a depth of 1/8 inch, in fine soil. When plants are 3 inches tall, thin to 12 inches apart. Seed germinates in about 15 days.

2015 BLUE BIRD. Long sprays of sky blue flowers. 18-24 in. 1/8 oz., **30c;** pkt., **15c.**

2020 FIRMAMENT. A dwarf strain with flowers of bright indigo blue. Recommended for dry, poor soils. 12 in. Pkt., **25c.**

2024 MIXED. Blue and white. 18-24 in. Pkt., **25c.**

Dahlia

ANNUAL: Easy and fascinating to grow from seed. Enjoy the surprise of new colors and forms. The "Dwarf" varieties reproduce fairly true from seed, while the taller sorts will show some percentage of fine singles, semi-doubles and doubles in most unusual colors, and petal formations.

LOCATION: Very desirable for beds and borders, also makes a fine pot plant. Prefers a well drained, rich light soil and full sunshine. Water freely by letting hose run on the ground near the plants.

SOW SEED: Plant seed indoors in seed boxes very early in Spring for transplanting to the garden later, when all danger of frost is past. Cover seed ¼ inch with fine soil, well pressed. When plants are a few inches high, transplant to garden location about 15 inches apart. March or early April is a good time to start plants indoors. Be sure to keep soil moderately moist. Seed germinates in 8 to 10 days.

2086 UNWIN'S DWARF HYBRIDS. Double and semi-double flowers, 3 inches in diameter, in an interesting assortment of colors. Early to flower, these Dwarf Hybrids are much in demand by flower lovers who prefer medium sized blooms and good stems for cutting. 20 in. **Illustrated in color on page 43.** Pkt., **25c.**

2080 DOUBLE BEST MIXED. A specialists selection saved from large flowered named sorts, choice decorative varieties in a wide color range, including Cactus Flowered sorts. Free flowering. 3 ft. Pkt., **25c.**

Plants For Your Inside Garden

With a little forethought and planning, your Window Garden of House Plants can retain much of the beauty found outdoors in your midsummer garden.

Potted plants are always attractive in the home. They are welcome on the porch or in window boxes during the summer where they provide brilliancy of color and freedom of bloom under most adverse conditions. They are particularly desirable during the winter months. The seeds we offer are of plants easily grown in window or your home greenhouse where light and heat conditions are satisfactory. Sow at any time of the year in a seed box or pan and have bloom the year round. Complete cultural instructions on the reverse of our seed packet.

7464 Shasta Daisy Marconi Reselected Pkt., 50c.

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	Grand Total	$	

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More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

VAUGHAN'S GUARANTEE Vaughan's guarantee all bulbs, seed, plants, tubers and roots to be strong and vigorous, free from disease and true to variety named. We further guarantee to replace any items that do not survive, if you feel that you planted them according to instructions and gave them reasonable care. Send the packing slip and your order to Vaughan's by July 1st following receipt of your order.

Understandably, Vaughan's cannot guarantee survival of materials in areas where they are not hardy. We cannot be responsible for the crop or liable for more than the purchase price, because growth depends on soil, weather, planting and cultural conditions beyond our control.—Vaughan's Seed Company

Quan.	Code No.	HYBRID ROSES	Each	3 For	Total
	N-5009	Arlene Francis	$3.00	$7.95	
	N-5013	Aztec	2.75	7.20	
	N-5040	Careless Love	2.50	6.60	
	N-5010	Char. Armstrong	1.50	4.00	
	N-5039	Christian Dior	3.50	9.30	
	N-5081	Christopher Stone	1.50	4.00	
	N-5004	Chrysler Imperial	2.50	6.60	
	N-5051	Countess Vandal	1.50	4.00	
	N-5050	Crimson Glory	1.50	4.00	
	N-5019	Duet	3.00	7.95	
	N-5061	Eclipse	1.50	4.00	
	N-5002	Garden Party	3.00	7.95	
	N-5028	Golden Masterpiece	3.00	7.95	
	N-5008	Golden Scepter	2.00	5.25	
	N-5014	Helen Traubel	2.75	7.20	
	N-5059	Invitation	3.00	7.95	
	N-5041	Josephine Bruce	3.00	7.95	
	N-5079	Karl Herbst	1.50	4.00	
	N-5026	King's Ransom	3.50	9.30	
	N-5024	Kordes Perfecta	3.00	7.95	
	N-5017	Lady Elgin	2.50	6.60	
	N-5020	Lowell Thomas	1.75	4.65	
	N-5058	Memoriam	3.50	9.30	
	N-5015	New Yorker	2.50	6.60	
	N-5021	Peace	1.50	4.00	
	N-5075	Picture	1.50	4.00	
	N-5027	Pink Peace	3.00	7.95	
	N-5005	Sterling Silver	3.00	7.95	
	N-5023	Suspense	3.00	7.95	
	N-5078	Talisman	1.50	4.00	
	N-5047	The Doctor	1.50	4.00	
	N-5031	Tiffany	2.75	7.20	
	N-5063	Virgo	1.50	4.00	
	N-5046	White Knight	2.75	7.20	

EVERBLOOMING FLORIBUNDAS

	N-5179	Betty Prior	1.50	4.00	
	N-5158	Circus	2.50	6.60	
	N-5176	Eutin	1.50	4.00	
	N-5151	Fashion	1.75	4.65	
	N-5155	Fire King	2.50	6.60	
	N-5166	Floradora	1.50	4.00	
	N-5165	Frensham	1.50	4.00	
	N-5169	Garnette	1.50	4.00	
	N-5162	Gold Cup	2.00	5.25	
	N-5163	Golden Slippers	2.50	6.60	
	N-5152	Goldilocks	1.50	4.00	
	N-5153	Ivory Fashion	2.00	5.25	
	N-5186	Lavender Girl	3.00	7.95	
	N-5149	Little Darling	2.25	6.00	
	N-5161	Pinocchio	1.50	4.00	
	N-5150	Red Pinocchio	1.50	4.00	
	N-5167	Rochester	1.50	4.00	
	N-5168	Rose Elfe	1.50	4.00	
	N-5164	Sarabande	2.50	6.60	

EVERBLOOMING POLYANTHA

	N-5178	Cameo	1.50	4.00	

TOTAL $.....

Quan.	Code No.	TREE ROSES	Each	2 For	Total
	N-5140	Crimson Glory	$7.25	13.95	
	N-5141	Eclipse	7.25	13.95	
	N-5142	The Doctor	7.25	13.95	

Quan.	Code No.	SUB-ZERO HYBRID TEAS	Each	3 For	Total
	N-5124	Arctic Flame	1.85	5.25	
	N-5136	Curly Pink	2.00	5.25	
	N-5135	Handsom Red	2.00	5.25	
	N-5137	Helen Hayes	2.25	6.00	
	N-5127	Shades of Autumn	1.85	5.25	
	N-5133	Tip Toes	1.85	5.25	

EVERBLOOMING GRANDIFLORAS

	N-5025	Golden Girl	2.50	6.60	
	N-5030	John S. Armstrong	3.50	9.30	
	N-5018	Pink Parfait	3.00	7.95	
	N-5029	Queen Elizabeth	2.50	6.60	
	N-5044	Starfire	2.50	6.60	

CLIMBERS

	N-5108	Blossomtime	2.50	6.60	
	N-5101	Cl. Crimson Glory	2.75	7.20	
	N-5110	Don Juan	3.00	7.95	
	N-5118	Doubloons	1.50	4.00	
	N-5105	Dr. J. H. Nicolas	1.65	4.50	
	N-5114	Golden Showers	2.50	6.60	
	N-5107	New Blaze	1.50	4.00	
	N-5116	New Dawn	1.50	4.00	
	N-5115	Paul's Scarlet	1.50	4.00	
	N-5120	Seven Sisters	1.50	4.00	
	N-5119	White Dawn	1.50	4.00	

SPECIAL ROSE OFFERS

			Each	
	N-4930	4 1962 AARS Roses	11.25	
	N-4932	4 Patented Grandifloras	9.25	
	N-4944	4 Hybrid Tea Roses	5.35	
	N-4945	3 New Patented Roses	9.15	
	N-4946	3 Hy. Teas All-Star Spec.	7.25	
	N-4947	3 Patented Grandifloras	7.45	
	N-4948	5 Patented Grandifloras	11.95	
	N-4953	7 Patented Hybrid Teas	14.95	
	N-4958	12 Patented Hybrid Teas	28.75	
	N-4965	3 Patented Hybrid Teas	7.50	
	N-4968	4 Patented Floribundas	8.95	
	N-4987	4 Patented Hybrid Teas	9.25	
	N-4984	4 Climbing Roses	4.95	
	N-5228	3 Peace Roses	5.50	
	N-5230	5 Hy. Teas, Color Special	3.95	
	N-5242	3 Patented Sub-Zero Roses	5.25	
	N-5261	4 Floribunda Roses	4.75	
	N-5263	3 Patented Climbing Roses	6.75	
	N-5288	4 Patented Floribundas	6.75	

HARDY RUGOSA ROSE

	N-5096	Red Grootendorst 18-24"	1.45		
	N-5098	Pink Grootendorst 18-24"	1.45	3.95	

TOTAL

Quan.	Code No.	SHRUBS	Each	3 For	Total
	N-5300	Althea Coelestris 2-3'	$1.60	$4.35	
	N-5303	Viburnum Opul. Nana 6-9"	1.95	5.35	
	N-5304	Potentilla Farreri 15-18"	1.75	4.75	
	N-5305	Althea, Rose Red, 2-3'	1.35	3.75	
	N-5306	Althea, Pink, 2-3'	1.35	3.75	
	N-5307	Althea, Bluish-Purple, 2-3'	1.35	3.75	
	N-5308	Althea Collection	3.65	Coll.	
	N-5309	Barberry Green, 18-24"	1.00	2.75	
	N-5311	Variegated Dogwood, 18-24"	1.85	4.95	
	N-5314	Forsythia Lynwood Gold, 2-3'	1.50	3.95	
	N-5315	Honeysuckle Red, 2-3'	1.25	3.50	
	N-5318	Forsythia Farrand 2-3'	1.45	3.95	
	N-5319	Persian Lilac, 2-3'	1.45	3.95	
		Persian Lilac, 3-4'	1.95	5.50	
	N-5323	Calycanthus, 18-24"	1.45	3.95	
	N-5325	Weigela, Rosea, 2-3'	1.35	3.75	
	N-5326	Weigela Variegated, 18-24"	1.50	3.95	
	N-5330	Quince Stanford Red, 18-24"	1.55	4.35	
	N-5334	Weigela Vanicek, 18-24"	1.75	4.95	
	N-5335	Weigela Eva Rathke, 18-24"	1.75	4.95	
	N-5336	Hypericum Hidcote, 12-15"	1.50	3.95	
	N-5338	Coll. 3 Weigela	3.95	Coll.	
	N-5342	Euonymus Alatus Comp., 18-24"	2.65	7.25	
	N-5348	Euonymus Alatus, 2-3'	2.75	7.35	
	N-5383	Kerria Single, 18-24"	1.65	4.75	
	N-5398	Pussy Willow French Pink, 2-3'	1.45	3.95	
	N-5401	Prunus Triloba, 2-3'	2.15	5.95	
	N-5404	Flowering Almond, 2-3'	1.45	3.95	
	N-5405	Azalea Coll. 3, 9-12"	5.95	Coll.	
	N-5406	Azalea Mollis, 9-12"	1.95	5.45	
	N-5407	Azalea Van Tol, 9-12"	2.25	6.50	
	N-5408	Azalea Van Houtte, 9-12"	2.25	6.50	
	N-5409	Azalea Pr. Frederick, 9-12"	2.25	6.50	
	N-5414	Tamarix Summer Glow, 18-24"	1.15	2.95	
	N-5419	Mentor Barberry, 15-18"	1.35	3.95	
	N-5420	Barberry Red Leaf, 18-24"	1.35	3.50	
	N-5421	Prunus Cistena, 2-3'	1.95	5.25	
	N-5431	Blue Hydrangea, 9-12"	1.65	4.75	
	N-5432	Hydrangea A.G., 18-24"	1.35	3.95	
	N-5432	Hydrangea A.G., 2-3'	1.65	4.75	
	N-5433	Hydrangea P.G., 18-24"	1.25	3.60	
	N-5433	Hydrangea P.G., 2-3'	1.55	4.50	
	N-5434	Hydrangea Coll. 3	4.25	Coll.	
	N-5437	Spirea Froebel, 18-24"	1.10	2.95	
	N-5438	Spirea Billardi, 2-3'	1.10	2.95	
	N-5441	Spirea Caryopteris, No. 1	1.35	3.50	
	N-5443	Spirea Prunifolia, 18-24"	1.25	3.50	
	N-5444	Spirea Van Houtte, 2-3'	1.00	2.65	
	N-5444	Spirea Van Houtte, 3-4'	1.55	3.75	
	N-5445	Spirea Coll.	3.95	Coll.	
	N-5450	Snowball-Viburnum, 2-3'	1.75	4.95	
	N-5451	Viburnum Carlesi, 18-24"	3.50	9.25	
	N-5465	Buddleia Pink Dawn, 18-24"	1.00	2.75	
	N-5468	Buddleia Royal Red, 18-24"	1.25	3.30	
	N-5469	Buddleia Empire Blue, 18-24"	1.25	3.30	
	N-5470	Buddleia Snowbank, 18-24"	1.00	2.75	

TOTAL AMOUNT FOR THIS PAGE $.....

CONTINUED ON NEXT PAGE →

Quan.	Code No.	SHRUBS continued	Each	3 For	Total
	N-5471	Buddleia Collection	$3.85	Coll.	
	N-5477	Phil. Virginal, 2-3'	1.45	$3.95	
	N-5478	Kolkwitzia Amabilis, 18-24"	1.50	3.95	
	N-5479	Lilac Collection, 18-24"	7.95	Coll.	
	N-5482	Lilac, Pres. Lincoln, 18-24"	1.85	4.95	
	N-5483	Lilac Belle de Nancy, 18-24"	1.85	4.95	
	N-5485	Lilac Ellen Willmot, 18-24"	1.85	4.95	
	N-5487	Lilac, Paul Therion, 18-24"	1.85	4.95	
	N-5490	Phil. Frosty Morn, 15-18"	1.75	4.95	
	N-5491	Phil. Snowflake, 18-24"	1.55	4.35	
	N-5493	Lilac Pres. Grevy, 18-24"	1.85	4.95	
	N-5718	Purple Fringe, 18-24"	1.95		
	N-6849	Nanking Cherry, 18-24"	1.65	4.65	
	N-6856	American Cranberry, 18-24"	1.40	3.95	

HEDGING

			5 For	10 For	
	N-5502	Red Leaf Barberry, 15-18"		4.45	
		25 for $9.85; 50 for $17.95			
	N-5504	Pygmy Red Barberry, 9-12"	7.50	13.95	
		25 for $33.95			
	N-5505	Barberry (green), 12-18"		2.75	
		25 for $6.25; 50 for $10.95			
	N-5506	Privet (Lig. Amur), 15-18"		2.25	
		25 for $4.75; 50 for $8.75			
	N-5506	Privet (Lig. Amur), 18-24"		3.25	
		25 for $6.35; 50 for $11.25			
	N-5508	Lonicera Tatarica, 18-24"		4.25	
		25 for $9.50; 50 for $17.95			
	N-5511	Bridalwreath, 18-24"		4.25	
		25 for $8.50; 50 for $15.75			
	N-5518	Red Grootendorst, 12-18"	4.25	7.75	
	N-5519	Red Floribunda #2	3.75	7.00	
	N-5520	Eutin Floribunda #2	3.95	7.25	
		25 for $16.25			
	N-5522	Pink Grootendorst, 12-18"	4.25	7.75	
	N-5524	Cotoneaster Acutifolia, 12-18"		2.85	
		25 for $6.25; 100 for $22.95			
	N-5526	Pink Floribunda #2	3.75	7.00	
	N-5527	Yellow Floribunda #2	3.75	7.00	
	N-5528	White Floribunda #2	3.75	7.00	
	N-5529	Persian Lilac, 12-18"	4.25	7.95	
		25 for $17.45			
	N-5533	Clavey's Honeysuckle, 12-18"		4.75	
		25 for $9.95; 50 for $18.50			
	N-5600	Chinese Elm, 2-3'			
		25 for $3.50; 50 for $6.75			
		100 for $10.95			
	N-5610	Multiflora Fence Rose, #2			
		25 for $3.45; 50 for $5.90;			
		100 for $9.50; 500 for $39.00			

Quan.	Code No.	FRUITS	Each	4 or more Each	Total
	N-6102	Apple Red Duchess, 11/16"	2.25	2.10	
	N-6104	Apple McIntosh, 11/16"	2.25	2.10	
	N-6105	Apple Wealthy, 11/16"	2.25	2.10	
	N-6107	Apple Yellow Delicious, 11/16"	2.25	2.10	
	N-6108	Apple Red Delicious, 11/16"	2.25	2.10	
	N-6116	Apple Jonathan, 11/16"	2.25	2.10	
	N-6121	Apple Jonadel, 11/16"	2.50	2.35	
	N-6126	Apple Quintuplet, 9/16"	4.50		
	N-6145	Dwarf Red Delicious, 11/16"	3.95	3.80	
	N-6147	Dwarf McIntosh 11/16"	3.95	3.80	
	N-6149	Apple Dwarf Jonathan, 11/16"	3.95	3.80	
	N-6151	Apple Dwarf Wealthy, 11/16"	3.95	3.80	
	N-6154	Dwarf Quintuplet, 11/16"	5.95		
	N-6160	Apple Red Delicious, 7/8"	3.25	3.10	
	N-6165	Apple McIntosh, 7/8"	3.25	3.10	
	N-6169	Yellow Delicious, 7/8"	3.25	3.10	
	N-6201	Pear Bartlett, 11/16"	2.65	2.55	
	N-6215	Pear Dwarf Bartlett, 9/16"	3.60	3.50	
	N-6217	Pear Dwarf Kieffer, 9/16"	3.60	3.50	
	N-6261	Pear Kieffer, 7/8"	3.50	3.35	
	N-6301	Cherry Black Tartarian, 11/16"	2.95	2.85	
	N-6307	Cherry Bing, 11/16"	2.95	2.85	
	N-6310	Cherry Montmorency, 11/16"	2.65	2.55	
	N-6402	Peach Early Elberta, 9/16"	1.85	1.75	
	N-6406	Peach Hale Haven, 9/16"	1.85	1.75	
	N-6413	Peach Polly, 9/16"	1.85	1.75	
	N-6440	Peach Dwarf Elberta, 9/16"	3.65	3.45	
	N-6441	Peach Dwarf Polly, 9/16"	3.65	3.45	
	N-6460	Peach Elberta, 11/16"	2.65	2.55	
	N-6463	Peach Hale Haven, 11/16"	2.65	2.55	
	N-6465	Peach Polly, 11/16"	2.65	2.55	
	N-6502	Plum Underwood, 11/16"	2.65	2.50	
	N-6508	Plum Stanley Prune, 11/16"	2.65	2.50	
TOTAL				$	

Quan.	Code No.	IRIS	Each	3 For	Total
	N-3808	Coll. 4	4.50	Coll.	
	N-3809	Coll. 8	7.95	Coll.	
	N-3813	Argus Pheasant	1.25	3.55	
	N-3816	Maytime	1.50	4.25	
	N-3818	Palomino	2.00	5.65	
	N-3820	Katherine Fay	1.25	3.50	
	N-3822	Black Forest	1.35	3.75	
	N-3824	Redwyne	1.00	2.75	
	N-3828	Solid Gold	1.50	4.25	
	N-3832	Jane Phillips	1.00	2.75	
	N-3845	Dwarf Yellow Iris 2 for $1.25			
	N-3846	Dwarf Blue Iris 2 for 1.25			
	N-3848	Dwarf Wine Red Iris 2 for 1.25			
	N-3855	Kaempferi Coll. 4	3.95	Coll.	
	N-3859	Dwarf Coll. 6	3.25	Coll.	
	N-3865	Japanese Dragon	1.10	2.95	
	N-3866	Japanese Snowfalls	1.10	2.95	
	N-3867	Japanese Brocade Rivers	1.10	2.95	
	N-3868	Japanese Sunrise	1.10	2.95	

SMALL FRUITS

			Each	5 For	
	N-6601	Grape Concord (blue) 2-1		2.50	
		2 for $1.20; 25 for $9.25;			
	N-6602	Grape Caco (red) 2-1	.80	3.45	
		25 for $14.25			
	N-6604	Grape Fredonia (black) 2-1	.65	2.65	
		25 for $11.50			
	N-6609	Grape Niagara (white) 2-1	.70	2.85	
		25 for $11.95			
	N-6615	Concord, 3-1; 2 for $1.50	.85	2.85	
	N-6617	Niagara, 3-1; 2 for $1.75	.95	3.85	
	N-6618	Caco, 3-1; 2 for $1.75	.95	3.85	
	N-6620	Grape Collection, 6 plants	2.95	Coll.	
	N-6702	Raspberry Blackhawk tips		2.10	
		10 for $3.65; 25 for $7.95			
	N-6704	Raspberry Latham #1			
		10 for $2.95; 25 for $6.25;			
		100 for $21.95			
	N-6705	Raspberry Indian Summer #1			
		10 for $3.15; 25 for $6.50;			
		100 for $22.95			
	N-6706	Cumberland Tips			
		10 for $2.75; 25 for $5.50;			
		100 for $17.95			
	N-6707	Canby #1		2.30	
		10 for $3.95; 25 for $8.95			
	N-6710	Latham Tr.		2.10	
		10 for $3.85; 25 for $7.95			
	N-6711	Cumberland Tr.		2.95	
		10 for $5.25; 25 for $11.75			
	N-6712	Sodus Tips			
		10 for $2.95; 25 for $6.50			
	N-6750	Red Raspberry Patch 25 #1	5.85	Coll.	
	N-6757	Black Raspberry Patch 25 Tips	5.35	Coll.	
	N-6801	Boysenberries, 10 for $2.85			
		25 for $5.35; 100 for $18.95			
	N-6812	Blueberry 2 yr.	4.85	Coll.	
	N-6813	Blueberry 3 yr.	5.95	Coll.	
	N-6814	Blackberry Ebony King #1		2.85	
		10 for 4.95; 25 for 10.95			
	N-6816	Blackberry Eldorado #1			
		10 for $2.35; 25 for $4.95			
	N-6817	Eldorado Tr.		1.50	
		10 for $2.75; 25 for $5.25			
	N-6826	Blue Ray 2 yr.			
		2 for $3.45; 6 for $9.75			
		3 yr. 2 for $4.45; 6 for $11.95			
	N-6827	Berkeley 2 yr.			
		2 for $3.45; 6 for $9.75			
		3 yr. 2 for $4.45; 6 for $11.95			
	N-6828	Coville 2 yr.			
		2 for $3.45; 6 for $9.75			
		3 yr. 2 for $4.45; 6 for $11.95			
	N-6830	Currant Red Lake 2-1	.70	2.95	
	N-6841	Gooseberry Downing 2-1	1.20	5.35	
	N-6861	Victoria Rhubarb, 5/8" roots		1.25	
		10 for $2.15; 25 for $4.75			
	N-6864	Canada Red Rhubarb, 5/8" roots	1.15	4.95	
		10 for $9.25; 25 for $22.95			
	N-6865	Victoria Rhubarb, 1½" roots		$1.65	
		10 for $2.95; 25 for $6.25			
	N-6867	Canada Red—QC Divisions	$1.50	6.50	
TOTAL				$	

Quan.	Code No.	NUT TREES	Each	3 or more Each	Total
	N-6882	Carpathian Walnut, 3-4'	4.25	3.95	
	N-6886	Thomas Black Walnut, 2-3'	3.95	3.75	

DAYLILIES

			Each	3 For	
	N-2270	Purple Finch	.75	2.10	
	N-2272	Collection Three Champion	2.35		
	N-2273	Surprise Party	1.25	3.60	
	N-2275	Black Magic	1.45	3.95	
	N-2282	Collection Five Champion	4.50		
	N-2290	Painted Lady	1.25	3.60	
	N-2296	Hyperion	.75	2.10	

Quan.	Code No.	TREES	Each	2 For	Total
	N-5631	Lombardy Poplar, 3-4'			
		5 for $1.85; 10 for $3.25;			
		25 for $6.95			
	N-5631	Lombardy Poplar, 4-5'			
		5 for $2.65; 10 for $4.75;			
		25 for $10.45			
	N-5700	Crab Bechtel's, 3-4'	2.75	4.95	
	N-5701	Crab Hopa, 4-5'	2.75	4.95	
	N-5703	Crab Almey, 4-5'	3.50	6.25	
	N-5706	Crab Irene, 4-5'	3.45	6.25	
	N-5710	Crataegus, 4-5'	4.75	8.75	
	N-5712	Dogwood Pink, 2-3'	4.95	9.25	
	N-5713	Dogwood White, 2-3'	2.45	4.65	
	N-5714	Dogwood Collection	8.75		
	N-5715	European Mountain Ash, 6-8'	5.95	10.75	
	N-5716	Redbud (Cercis), 3-4'	2.25	3.95	
	N-5721	Magnolia, 2-3'	4.25	7.95	
	N-5727	Newport Plum, 3-4'	2.75	4.95	
	N-5735	SUNBURST, 4-5' W	5.25	9.85	
	N-5803	Weeping Birch 6-8'	6.95	12.95	
	N-5805	Sugar Maple, 6-8'	7.95	14.75	
	N-5808	Pin Oak (Quercus), 6-8'	7.95	14.75	
	N-5809	American Sycamore, 6-8'	6.35	11.50	
	N-5810	Silver Maple, 8-10'	6.50	11.95	
	N-5812	Hackberry, 6-8'	6.25	11.50	
	N-5814	Gled. Tri. MORAINE, 5-6' W.	6.95	12.75	
	N-5815	Weeping Willow, 6-8'	3.95	6.85	
	N-5816	American Linden, 5-6'	4.75	8.95	
	N-5822	Crimson King Maple, 4-5' W.	4.95	9.45	
	N-5827	White Birch Clump, 2-3'	2.15	3.95	

PEONIES

			Each	3 For	
	N-3307	Mons. Martin Cahuzac	2.65		
	N-3313	Coll. 3 Old Favorites	2.65		
	N-3320	Collection 3 Favorites	2.95		
	N-3323	Festiva Maxima	1.25	3.50	
	N-3324	Karl Rosenfield	1.25	3.50	
	N-3331	Richard Carvel	1.95	5.25	
	N-3336	Tourangelle	1.65	4.35	
	N-3339	Walter Faxon	1.55	4.25	
	N-3342	Martha Bullock	2.25	5.95	
	N-3344	Sarah Bernhardt	1.25	3.50	
	N-3347	Coll. 4 peonies	6.50		

VINES

			Each	3 For	
	N-2610	Clematis Jackmani	1.65	4.65	
	N-2611	Clematis Ramona	1.65	4.65	
	N-2613	Clematis Crimson Star	1.65	4.65	
	N-2615	Gold Medal Collection	4.50		
	N-2623	Clematis Comtesse de Bouchard	1.80	4.95	
	N-2628	Hedera Helix Ivy; 6 for $3.95	.85	2.30	
	N-5525	Gold Flame Honeysuckle #1	1.25	3.45	
	N-5532	Silver Lace	1.25	3.45	
	N-5537	Chinese Bittersweet #1	1.45	3.95	
	N-5538	Boston Ivy, #1; 6 for $6.25	1.25	3.25	
	N-5539	Lonl. Halleana; 6 for $4.75	.95	2.50	
	N-5541	Bignonia Radicans, #1	1.00	2.75	
	N-5542	Wisteria Amer. Purple #1	1.00	2.80	
	N-5543	Wintercreeper, #1; 6 for $8.95	1.75	4.95	

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Seed and Bulb Orders: Write quantities and prices distinctly in the column provided in the catalog order form.

Plant and Tree Orders: State quantity, size or age of each variety, with price for each item.

C. O. D. Orders: No bulbs, trees, plants or other perishable stock, are sent C. O. D.

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Mistakes: We will do our utmost to satisfy you, as we appreciate that your continued patronage is our road to success. If we make any error in filling your order, write us at once returning your order if a paid order or your invoice if a charge order.

VAUGHAN'S MODERN RETAIL OUTLETS

All items listed in this catalogue, and many not listed, may be purchased and immediate delivery usually obtained at the following retail outlets of Vaughan's Seed Company:

10 W. Randolph St., Chicago 1, Ill. Fixtures of latest design make possible the display of a complete line of garden goods throughout the year in this modern store. On the second floor is a large pet shop, specializing in parakeets, canaries, and tropical fish, with pet supplies of every description, sold by clerks who can supply valuable information. A display of educational toys on the third floor is widely known for its exclusive offerings. Modern fixtures on the first floor make possible the display of a complete line of seeds, bulbs, plants and supplies. Customers may select items of their choice on a self-service basis. Information and assistance are available from clerks experienced in horticulture. Cash and charge account orders for delivery may be placed at a convenient desk. A check-out system speeds wrapping for cash and carry orders.

601 W. Jackson Blvd., Jackson and Jefferson, one block from the Union Depot, Chicago 6, Ill. Complete line of garden requirements, sold by clerks experienced in horticulture, who will aid in solving any garden problem.

Garden Center, W. 47th Street and Willow Springs Road. Spread over acres of ground, providing extensive parking space, a modern store, greenhouse, and lath house display forour customers; everything a home gardener needs. Personal selection may be made of evergreens, trees, shrubs, roses and all kinds of growing plants as well as seeds, bulbs, plant foods, pesticides and garden tools of every description. Throughout the year a large selection of house plants is displayed in the greenhouse and a spacious pet shop provides a large selection of birds, tropical fish and pet supplies.

24 Vesey Street, New York 7, N.Y. While retaining the familiar atmosphere of a seed store, this store is equipped with modern facilities which permit self-service in making selections from its complete display of garden goods, but also provides to all who desire it, assistance from clerks experienced in horticulture.

DELIVERY

EVERYTHING FOR YOUR LAWN & GARDEN LISTED IN THIS CATALOG NOW PREPAID TO YOUR DOOR

Purchases for $3.00 or more made at our loop store, 10 W. Randolph St., delivered free within a 25 mile radius except fertilizers and peat moss, dog food and bird gravel, which items are shipped at buyer's expense. This offer is subject to change without notice.

☛ These special Free Deliveries do not include C. O. D. shipments, which travel at buyer's expense.

Express Shipments: General orders for garden seeds with heavy weights of corn, beans, fertilizers, etc., should go by express, freight, or truck, also all shipments containing breakables.

All Trees, Shrubs, Bulbs and Hardy Plants are shipped as soon as weather permits. State plainly date and manner of shipping you wish.

Weight Limitations on Parcel Post Shipments

Seeds, plants, and bulbs weighing up to 70 pounds can be shipped by parcel post to any post office.

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OUR GUARANTEE

Vaughan's guarantee all bulbs, seed, plants, tubers and roots to be strong and vigorous, free from disease and true to variety named. We further guarantee to replace any items that do not survive, if you feel that you planted them according to instructions and gave them reasonable care. Send the packing slip and your order to Vaughan's by July 1st following receipt of your order.

Understandably, Vaughan's cannot guarantee survival of materials in areas where they are not hardy. We cannot be responsible for the crop or liable for more than the purchase price, because growth depends on soil, weather, planting and cultural conditions beyond our control.—Vaughan's Seed Company.

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The Daisy Corner
Colorful—Easily Grown

African Daisy
(Dimorphotheca)

ANNUAL: Brightly colored daisy-like flowers, averaging 2 inches across, each with a dark disc at the base of petals. A showy annual from South Africa.

LOCATION: Thrives best in a sunny dry position Masses of bloom in bed or border, fine for cutting

SOW SEED: Sow directly outdoors in Spring when soil and weather permit. Cover seed to a depth of 1/16 inch with fine soil. Thin to 12 inches apart when plants are 3 inches tall. Seed germinates in 2 to 3 weeks.

2318 GLISTENING WHITE. Extremely large pure white daisy-like blooms with a sharply contrasting black eye, edged violet. 6 to 8 in. Pkt., **25c.**

2320 GOLD DAISY. A rich orange-gold with conspicuous dark center disc. 1 ft. Pkt., **25c.**

2325 HYBRIDS. Shades of apricot, golden-orange, golden yellow, sulphur, light orange and creamy white. 1 ft. Pkt., **15c.**

Tahoka Daisy

ANNUAL: Flowers are daisy-like in form, measuring 2 inches across. Fine fern-like foliage. In bloom from late June to October.

LOCATION: Attractive for borders and mass plantings, they make an excellent cutflower.

SOW SEED: Sow directly in the open ground in Spring when danger from frost is past, covering 1/8 inch with fine soil. Thin or transplant to 12 inches apart when plants are 3 inches tall. Remove old blooms to insure flowers over a long season. Seed germinates in 2 to 3 weeks.

5635 TAHOKA DAISY. The numerous pointed flower petals are an attractive shade of lilac-blue and surround a golden yellow center disc. 1½ to 2 ft. Pkt., **25c.**

2050 VAUGHAN'S MIXTURE OF ANNUAL DAISIES. These simple flowers have a charm of their own. We have a mixture of the most popular sorts. They will add a definite touch to your garden besides good cutting material for the home. Pkt., **25c.**

English Daisy

PERENNIAL Although a hardy perennial, these Double Giant Daisies are best treated as annuals. Bloom quickly from seed and quite early in Spring. Combine with Pansies or Forget-Me-Nots for an unusual effect.

LOCATION: Excellent for edgings, borders and rock gardens. Blooms profusely during the season. Prefers a cool location.

SOW SEED: Seed should be sown indoors no deeper than 1/16 inch or sow outdoors to the same depth when danger of frost is past. Seed does not germinate well if planted deeper than recommended. Transplant or thin indoors to 3 inches apart when plants are 1 inch tall. Transplant outdoors to 6 inches apart. Water as needed by soaking ground around plant. Seed germinates in approximately 2 to 3 weeks.

1131 MONSTROSA MIXED. Includes carmine-red, deep rose-pink and pure white. 6 to 8 in. Pkt., **25c.**

Gloriosa Daisy

PERENNIAL Best used and treated as an annual, this hardy perennial withstands the heat of summer and zero weather of winter. Excellent for mass displays in the border and a fine cutflower.

2055 SINGLE GLORIOSA DAISY. Broad petals of gaily colored bloom in rich shades of golden orange, mahogany and bronze, mostly all are bicolored and further set off by a dark velvety center. 7 inch bloom on 3 ft. plants. Pkt., **25c.**

2058 DOUBLE GLORIOSA DAISY. All America Silver Medal 1961. Rich golden-yellow double and semi-double bloom with a brilliant color contrast in the dark velvety center. 18 in. Pkt., **50c.**

Shasta Daisies

PERENNIAL The name Shasta is now applied not to a single variety but to a class of hardy Daisies, bearing giant flowers, all splendid border subjects and easily grown from seeds, which germinate in 2 to 3 weeks.

7500 ALASKA. 2–2½ feet. Splendid for cutting. Pkt., **25c.**

7464 SHASTA DAISY G. MARCONI RESELECTED (Double). The largest Shasta Daisy today, the flowers are around 7 inches in diameter and stems 2½ to 3 ft. long. Pkt., **50c.**

7504 GIANT DOUBLE SHASTA DAISY. While first year flowers of this perennial have many singles, in the second year they are almost 100% double, with flowers up to 6 inches, and a long season. Pkt., **35c.**

Delphinium Pacific Giants

Delphinium — Stately Spires of Beauty

PERENNIAL One of the most beautiful and widely used perennials. Huge double florets in beautiful varied shades are neatly clustered around tall, stately spikes. Plants are in bloom all season, from June until frost, provided old flowers are kept removed.

LOCATION: Widely used for display and cutting, they are a splendid background flower.

SOW SEED: Seed may be planted outdoors from Spring to Fall—we prefer early Spring sowing with resulting larger plants. Cover seed 1/8 inch with fine soil, well pressed down. When plants are 3 to 4 inches tall, thin or transplant to 16 inches apart. Soil should be rich and well drained. Water by letting hose run on the ground near plants. An early Spring sowing will result in some bloom the first year—plants will be at their best the second year. Seed germinates in 2 to 3 weeks.

Pacific Giants

Flowers are enormous and set close together forming plumes rich in color. Stems are straight, strong and whippy, not easily broken by wind. The full-double flowers come so true from seed you will find little if any variation from description. Highly mildew resistant. 4 to 6 ft.

7535 ASTOLAT. Flowers in varying tints of blush pink, true pink and mulberry pink, all with dark bees. Pkt., **75c.**

7559B BLUE BIRD. A clear medium blue with white bee.

7563 BLACK KNIGHT. Varying dark violet shade.

7559A BLUE JAY. From medium to dark blue with dark bee.

7563A CAMELIARD SERIES. Pure lavender white bee.

7560 GALAHAD. Clear white, mildew resistant.

7561 KING ARTHUR. Royal violet, large white bee.

7565 PERCIVAL. Large glistening white flowers with contrasting black bees.

7561A GUINEVERE. Light pink lavender, white bee.

7562 SUMMER SKIES. Light blue with white bee.

EACH OF ABOVE EXCEPT AS NOTED. Pkt., **50c;** 2 pkts. for **90c.**

7559 ROUND TABLE SERIES. A blend which includes all the above color combinations. **Illustrated in color on page 43.** Pkt., **25c.**

5840 SURPRISE GARDEN SPECIAL MIXTURE

Trial packet of this famous mixture of Annuals, Pkt., **25c.**

7550 BELLADONNA IMPROVED CLIVEDEN BEAUTY. 2 ft. June-July. Exquisite turquoise blue. Pkt., **25c.**

7552 BELLAMOSUM IMPROVED. Large deep blue flowers, uniform in color with a white bee. Blooms 2½ inches across. Pkt., **25c.**

7564 BLACKMORE AND LANGDON STRAIN. A famous English strain. All the clear shades of blue, with bees of contrasting color. Pkt., **35c.**

7538 SAPPHIRE. 3 ft. An improved variety of the species delphinium formosum noted for hardiness, long life and its deep blue color. Somewhat paler than the original, with a tiny golden pollen accent, its blue has a special luminous jewel-like quality, in the sunlight. Pkt., **50c.**

7569 WREXHAM HOLLYHOCK-FLOWERED STRAIN, MIXED. Giant-flowered strain of superior quality. Flowers in blue, white and pink combinations, many of them bicolor 1½ to 2 inches in diameter, many double. Pkt., **50c.**

7571 VAUGHAN'S SPECIAL MIXTURE. A "formula-blend" which includes the popular Pacific Giants as well as others listed. Pkt., **35c.**

Chinese Larkspur

An interesting dwarf strain of Delphinium that will flower the first year when sown early. Unlike the Annual Larkspur, it transplants readily and the rich colors are a perfect background foil for other low growing flowers. In bloom throughout Summer and Fall. 2 to 3 ft.

LOCATION: An excellent bedding plant; can also be used in mass plantings in formal beds and for cutting.

SOW SEED: Seed sowing should be made indoors in March. Use fine well prepared soil. Sow in rows and cover to a depth of ¼ inch. An easy way to mark the row is to press the end of a ruler lightly into the soil and use this indentation as a planting guide. Do not allow seed bed to dry out. When of a size to handle, about 3 inches tall, transplant or thin to 6 inches apart and when frost danger is past set in open garden 9 to 12 inches apart.

7523 CHINESE BLUE MIRROR. One of the few true navy blue flowers. Combine with Annual Sweet William Wee Willie for an interesting effect. Pkt., **35c.**

7520 BLUE. Gentian blue. Pkt., **15c.**

7525 ALBUM. Pure white. Pkt., **15c.**

7522 CAMBRIDGE BLUE. A good light blue. Pkt., **25c.**

7530 MIXED. Varying shades of blue and white. Pkt., **15c.**

DIANTHUS
For Color, Cut and Fragrance
Annual Pinks

ANNUAL: A brilliantly colored, sweet scented annual, easily and quickly grown from seed. Flowers from July until frost. In areas where winters are mild treat as a biennial and make your seed sowing in very late Fall or during the mild days of winter.

LOCATION: Well suited to the garden bed or border with stems of sufficient length to make it an excellent cutflower. Keep flowers picked to prolong blooming period.

SOW SEED: Sow outdoors to a depth of ¼ inch in well prepared garden soil, after danger of frost is past. When plants are 2 inches high, transplant or thin to 8 inches apart. Water as needed by soaking ground around plants. Seed germinates in about 2 weeks.

2280 BRAVO. Brightest scarlet-red blooms carried well above foliage. Lightly fringed. Upright grower, yet dwarf and compact. A good cutflower, and well adapted to use as an edging plant or in the garden border. **Illustrated in color on page 35.** Pkt., **50c.**

2247 BRILLIANT. Large single plain edged flowers in rich Dianthus colors which include red, maroon, scarlet, brilliant rose, bright pink and white, all beautifully zoned in vivid contrasting colors. 15 in. Pkt., **25c.**

2262 DOUBLE GAIETY. Large double blooms. The unusual fringing and twisting of the flower petals avoids a feeling of heaviness. A complete range of color that includes a rich salmon and red shades. 12 in. Pkt., **25c.**

2230 HEDDENSIS FINEST MIXED. A tetraploid that combines large flowers and long stems of its parent stock with unusual vigor and tolerance of extreme temperatures. All the brilliant Dianthus colors plus a new salmon shade. 1½ ft. Pkt., **25c.**

2257 CHINESE DOUBLE MIXED. Handsome clusters of double flowers: bright colors. 1 ft. Pkt., **25c.**

2300 DIANTHUS VAUGHAN'S SPECIAL MIXTURE OF DOUBLE PINKS. Selection of the best double pinks in cultivation, ranging in color through all the most brilliant shades. Pkt. **15c.**

2301 VAUGHAN'S SPECIAL MIXTURE OF DOUBLE AND SINGLE PINKS. This magnificent mixture contains the cream of the annual pinks, both single and double. ⅛ oz., **50c;** Pkt., **25c.**

SWEET WILLIAM "WEE WILLIE"

A new dwarf selection, very compact growth, bright flowers in an unusual combination of colors. Very early and free flowering. First blooms appear when plants are but 2 inches tall. At their flowering peak 7 or 8 weeks after sowing.

LOCATION: Ideal for use as an edging plant or for window boxes. If old bloom is picked off, it will lengthen the blooming period considerably. Dry weather hastens seeding so frequent watering or spraying is advisable.

SOW SEED: Sow seed directly in the open where plants are to remain in well prepared soil. Will withstand slight frost, and early planting is suggested. In frost free districts, seed may be planted at any time. Cover seed lightly with fine soil and keep moist until seedlings show. Thinning of plants is not recommended.

2240 ANNUAL SWEET WILLIAM WEE WILLIE. Single flowers, 3 to 4 inches in diameter, borne in clusters of 4 to 6 flowers. Self, zoned and edged flowers in rich color combinations. 4 to 6 inches. Pkt., **25c.**

7660 Dianthus Barbatus Newport Pink. Pkt., 15c.

Hardy Pinks
(Dianthus)

PERENNIAL Favorites for generations, these gay flowers are of great value in the border and rock garden. Most of them grow easily from seed, thrive in ordinary soil, which must contain some lime, and should be in a well-drained situation. Seeds germinate in 2 to 3 weeks.

PLUMARIUS (Clove or Grass Pinks)

The old-fashioned, fragrant garden Pink. Fine for perennial border or rockwork.

7590 CYCLOPS RED HYBRIDS (Clove Pink). An exquisite mixture of rose and red varieties; fragrant. 1 ft. Pkt., **15c.**

7609 SPRING BEAUTY. Double giant-flowered Grass Pinks, Carnation-like in form and size and with a beautiful range of color. Very fragrant. Pkt., **25c.**

7625 VAUGHAN'S SPECIAL MIXTURE. A grand selection of Clove Pinks which includes the above Plumarius types and others. Pkt., **25c.**

7631 LOVELINESS. An improvement on the original strain; colors range from white, mauve and blue to deep crimson. This marvelous range of color combined with the misty effect of the petals produces a mass of color in the border. Delightfully fragrant. Plants range from 9 to 15 inches in height but do not require staking. Pkt., **25c.**

7587 BEST ROCK GARDEN VARIETIES MIXED. Rock gardens need the low growing Dianthus to brighten spots and fill in crevices. Pkt., **25c.**

Dianthus Barbatus

PERENNIAL In early June, when summer flowers are not yet in bloom and there is little in the garden available for cut flowers, the Sweet William is most welcome. Seeds germinate in 2 to 3 weeks.

DOUBLE VARIETIES

Seedings of all double Sweet William produce about 40% of single blooming plants.

7710 GIANT DOUBLE MIXED. The plants are of robust bushy habit, producing numerous stems surmounted by immense umbels of full double flowers many over one inch in diameter. The colors are extremely varied. Pkt., **25c.**

7711 MIDGET DOUBLE DWARF MIXED. An attractive double form of the above, 3 to 4 in. tall in a bewildering color range. Pkt., **15c.**

Single Sweet William 18-24 in.

7650 GIANT WHITE "SPECIAL." 1½–2 ft. Pure white flower clusters, on strong wiry stems. In growth it resembles the Perennial Phlox and is a splendid cut flower. The individual florets average from ½ to ¾ of an inch in diameter. The flower clusters range from 4 to 7 inches. Sown from May to July will bloom next June. Pkt., **25c.**

7659 HOMELAND. Dark red with large sharply defined, clear white center. Pkt., **35c.**

7660 NEWPORT PINK. Salmon pink. Pkt., **15c.**

7685 SINGLE GIANT-FLOWERED MIXED. Pkt., **25c.**

7688 SINGLE DWARF INDIAN CARPET MIXED. 3-4 in. Alpine Sweet William of compact habit. Blooms are quite large and almost entirely cover foliage. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most blooms being tri-colored. Excellent for the perennial border. **Illustrated in color on page 43.** Pkt., **25c.**

7715 VAUGHAN'S SPECIAL MIXTURE SWEET WILLIAM. Our own formula blend includes those offered in our perennial pages and others. Fragrant, free flowering, showy border plant, excellent for cutting. 1½-2 ft. Pkt., **25c.**

Dicentra (Dielytra)
(Bleeding Heart or Seal Flower)

PERENNIAL A slow germinator. For best results, we recommend storing seed in damp sand at a temperature below 40 degrees for 6 weeks and then make your seed sowing.

7718 EXIMA (Plumy Bleeding Heart). Dwarf reddish-purple. Blooms all summer in all localities. Attractive lacy foliage, 15 in. tall. Seed germinates slowly. Pkt., **25c.**

7719 SPECTABILIS. Pink, 18 to 24 in. The true old-fashioned variety. Pkt., **25c.**

Dictamnus (Gas Plant)

PERENNIAL This bushy perennial with its attractive flower spikes blooms with the tall bearded Iris. While its seeds germinate slowly, and do best when sown in the fall, once the plant is established it should not be moved. A slow germinator. For best results, we recommend storing seed in damp sand at a tempeture below 40 degrees for 6 weeks and then make your seed sowing.

7720 FRAXINELLA. 3 ft. May-June. Large spikes of deep pink purple-veined flowers. Pkt., **15c.**

7768 Digitalis, Shirley Hybrids. Pkt., 25c.

Digitalis (Foxglove)

BIENNIAL: These are biennials and should be sown very early in the spring so plants will be large enough to flower the following year. They should be wintered in a cold frame where sub-zero temperatures are common and always in a well drained place, as their crowns remain green all winter. Seeds germinate in 2 to 3 weeks.

7768 THE SHIRLEY HYBRIDS. 6 to 7 ft. The flowerheads are over 3 ft. long, covered with big bell-shaped blossoms from white and shell-pink to deepest rose. Pkt., **25c.**

7753 EXCELSIOR MIXED. A blend of unusual shades, many of the florets are strikingly marked. The flower spikes are from 4 to 5 ft. in height and the individual florets are horizontally set around the stem, instead of the usual drooping effect so common to Digitalis. Very free flowering. Pkt., **35c.**

7775 VAUGHAN'S SPECIAL MIXTURE OF DIGITALIS. The above, and others we buy especially for our formula mixture. Pkt., **15c.**

7719 Dicentra Spectabilis. Pkt., 25c.

7780 Doronicum Caucasicum Magnificum. Pkt., 35c.

Didiscus

ANNUAL 2310 LACE VEIL. Easily and quickly grown from seed. Sow outdoors when danger from frost is past. The paper-white blooms are fast becoming a garden favorite. Early free flowering with long stems, it is ideal for cutting. 2½ ft. Pkt., **25c.**

Doronicum (Leopard's Bane)

PERENNIAL **7780 CAUCASICUM MAGNIFICUM.** Showy yellow flowers with bright green, heart-shaped leaves which disappear during July and August. Lovely with pale lavender Tulips. Seed germinates in 2 to 3 weeks. Pkt., **35c.**

California Poppy

(Escholtzia)

ANNUAL: A dainty free-flowering annual, the finely cut green foliage forming a splendid background for the large poppy-like blooms.

LOCATION: In bed and border they are a colorful addition to the garden. Flowering from early Summer to late Fall. Prefers a well drained, loose soil and a sunny position.

SOW SEED: Seed sowing should be made where plants are to bloom. Do not transplant well. Make seed sowing outdoors in early Spring, thin plants to 8 inches apart when 2 to 3 inches tall. Seed germinates in 10 to 14 days.

2415 MISSION BELLS MIXED. Large double and semi-double flowers in a beautiful range of colors and shades—from delicate pastels to deep red. A fine selection of a well-known California native flower. 1 ft. Pkt., **25c.**

Exacum

2445 AFFINE. An easily grown pot plant. Sweetly scented bright mauve flowers. Seed germinates in 2 to 3 weeks at a minimum night temperature of 68 degrees and daytime maximum of 86 degrees. Pkt., **35c.**

Flame Violet

2449 FLAME VIOLET. Imagine an African violet plant with hairy leaves of varied coloring, and small single flowers ranging from orange-red to brilliant scarlet, or pure white. That describes this relative of the gloxinia, which is even easier to grow from seed.

The slender stems have a trailing habit, and the coloring in the leaves varies from deep shiny green to copper veined with green or silver, and silver with rust colored markings. The foliage alone would make the plant attractive.

Likes heat. An 85 degree temperature should be maintained for best germination results. Seed will germinate in 3 to 4 weeks. 25 seeds, **$1.00.**

Gerbera (Transvaal Daisy)

PERENNIAL Seeds germinate in 2 to 3 weeks.

7846 JAMESONI HYBRIDS (FLOWERLAND STRAIN). 2 ft. Large Daisy-like blooms on long stems in yellow and red. Pkt., (25 seeds) **25c.**

2445 Exacum Affine. Pkt., 35c

Forget-Me-Nots

(Myosotis)

PERENNIAL Will bloom the first year from seed so treat as annuals. If wintered over, Alpestris varieties will bloom in early spring; they delight in well-drained soil in a sunny location. Other varieties listed will bloom from May until frost and prefer cool, moist loam and half-shade. For beds, borders, rock gardens, pots and cutting. Seeds germinate in 2 to 3 weeks.

3324 ALPESTRIS INDIGO BLUE. Exquisite sprays of royal-blue flowers produced in great abundance. 12 in. Pkt., **25c.**

3356 VAUGHAN'S EARLY AND LATE FLOWERING BLUE BIRD. 1 ft. A beautiful deep blue variety. A perennial which blooms from seed if sown early the first year. Pkt., **25c.**

8245 PALUSTRIS SEMPERFLORENS. True marsh forget-me-not blooming from spring until autumn. Pkt., **25c.**

Four O'Clock

(Marvel of Peru)

ANNUAL: An easily grown free flowering garden favorite deriving its name from the time of day at which the flowers open. In cloudy weather will remain in full bloom all day.

LOCATION: The low growing sturdy bushes with their brilliant array of color make an interesting hedge or provide a mass of color as a background plant. In bloom from early summer to late fall, they grow under conditions which discourage other flowers—require no special care.

SOW SEED: Seed should be sown ½ inch deep in fine soil, when danger of frost is past. Transplant or thin to 18 to 24 inches apart when plants are 3 inches tall. Seed germinates in approximately 2 weeks.

3290 MIXED COLORS. The showy flowers in great profusion provide an interesting blend of vivid color. 2 ft. ¼ lb., **$1.65;** 1 oz., **60c;** Pkt., **25c.**

7855 Geum Mrs. Bradshaw. Pkt.,25c.

2449 Flame Violet. Pkt., $1.00

Gaillardia

ANNUAL: A gorgeously colored annual, easily grown from seed. Flowers profusely throughout Summer and Fall.

LOCATION: Admirably adapted for cutting, effective in beds and borders. Grows best in full sunlight. Keep seed pods picked to prolong blooming period.

SOW SEED: Sow outdoors when frost danger is past. Cover seed to a depth of ¼ inch with fine soil, well pressed down. Can also be started earlier indoors in seed boxes. When plants are 2 inches tall, transplant or thin to 9 inches apart. Seed germinates in 2 to 3 weeks.

2476 VAUGHAN'S DOUBLE SUNSHINE. Large double "ball-like" blooms with attractively quilled and curled petals in a wide range of interesting self colors and color combinations. 18 in. Pkt., **25c.**

Gaillardias

PERENNIAL Seeds germinate in 2 to 3 weeks.

7809 GRANDIFLORA MONARCH STRAIN. A robust strain varied in coloring and with flowers of giant size and perfect form. Pkt., **25c.**

7812 —BURGUNDY. 2 ft. Shining wine-red flowers, 2½ in., from June until fall. Blooms same year, sown early. Pkt., **25c.**

7811 —DAZZLER. Large golden yellow flowers with rich maroon center. Pkt., **25c.**

7817 —GOBLIN. 12-15 in. First real dwarf, covered with showy deep red flowers yellow bordered. Flowers first year from seed. Pkt., **25c.**

Geranium

ANNUAL: Although classified as a half hardy perennial, the Geranium is best treated as an annual. A great favorite, easily grown from seed. Blooms over a long season.

LOCATION: For window boxes and pots there is nothing finer. Equally popular as a bedding plant where mass color effect is desired.

SOW SEED: May be sown outdoors after all danger of frost is over or start inside and transplant to open ground after it has become warm. Use well pulverized soil and sow to a depth of ⅛ inch, pressing in firmly. When plants are well established thin out or transplant to prevent crowding, spacing about 10 inches apart. Germination is irregular, from 14 days to 2 months.

2492 VAUGHAN'S SPECIAL MIXTURE. Large single flowers in a brilliant and wide range of color. Leaves of rich green show interesting zone markings. 1½ to 2 ft. Pkt., **25c.**

Geum

PERENNIAL Seeds germinate in 3 to 4 weeks.

7852 LADY STRATHEDEN (GOLDEN BALL). 2 ft. Flowers loosely double, golden yellow. Pkt., **35c.**

7855 MRS. BRADSHAW. 2 ft. Double orange-scarlet flowers. June-Sept. Pkt., **25c.**

Gilia

ANNUAL: 2532 CAPITATA (Blue Thimble Flower) Bushy plant of erect habit with fine feathery foliage covered all summer with rich sky-blue flowers 1 inch across. Makes a good cutflower. May also be dried and used as an everlasting. We recommend sowing in early Spring where plants are to bloom and thin to 4 inches apart when 3 inches tall. Seed germinates in 2 to 3 weeks. 2 ft. Pkt., **15c.**

COLLECTION OF *Sunny Marigolds*

3120 MARIGOLD Petite Mixed. This extra dwarf French Marigold combines earliness, compactness of habit, profusion of bloom with bright gay colors to make this outstanding for use in the garden border. 6 in. Pkt., **25¢.**

3137 MARIGOLD Glitters. Clear yellow chrysanthemum-like blooms on bushy erect plants. Foliage a rich clean green. 2 to 2½ ft. Pkt., **25¢.**

3157 MARIGOLD Vaughan's Special Mixture. Small flowers, single and double, combine in making this one of the brightest Marigold mixtures. Includes all the newest introductions. 10 in. Pkt., **25¢.**

3147 MARIGOLD Crackerjack. A noticeable lack of single flowers makes this "new giant" popular. All the true Marigold colors. 3½ ft. Pkt., **25¢.**

3167 MARIGOLD Rusty Red. Large flowers of rich rusty red are delicately edged in golden yellow. 15 in. Pkt., **25¢.**

3200 MARIGOLD GARDEN. Six distinct varieties combine in providing a succession of bloom from earliest Summer to killing frost. Includes Naughty Marietta, Color Magic, Single Mexicana, Burpee Gold, Chrysanthemum Flowered Mixed and Glitters. **All 6 pkts. for $1.00.**

3191 MARIGOLD Spun Gold. All America 1960. Large all-double golden yellow bloom, lush foliage of clear medium green. Combine with **225 AGERATUM Blue Mink** (Pkt., **35¢**) for an interesting effect. 12 in. Pkt., **50¢.**

PERT *Pansies,* SAUCY *Salvias* and others

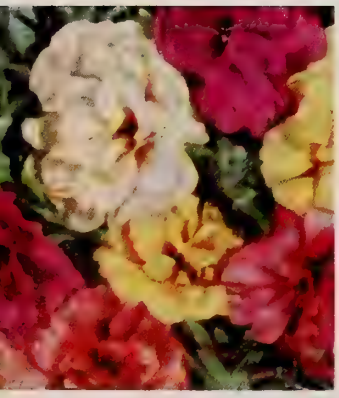
3894 PANSY Vaughan's Super Swiss Giant Mixed. Large velvety flowers in a wide variety of color. Pkt., **25¢.**

3891 PANSY Swiss Blue. Deep blue with blue-black blotch. One of the most popular. Pkt., **35¢.**

3901 PANSY Swiss Raspberry Rose. A rare color among Pansies and one of the most interesting. Pkt., **35¢.**

3910 PANSY Color Carnival. The magnificent color range, heavy in reds has been enhanced this year by the addition of rich blues. A depth of color tone and brilliancy found in no other strain. Pkt., **35¢.**

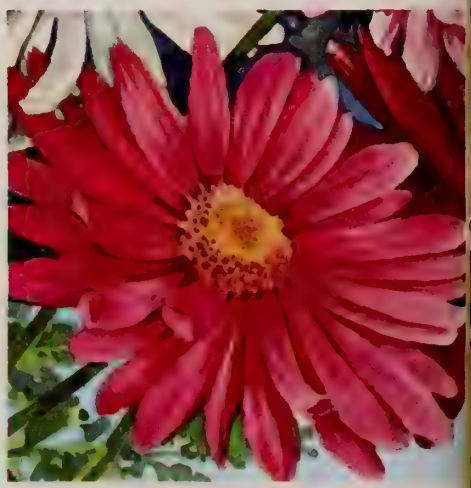
3915 *Pansy Collection* Includes 3894, 3891, 3901, 3910 described above. 4 Pkts., $1.30 Value, only **$1.00.**



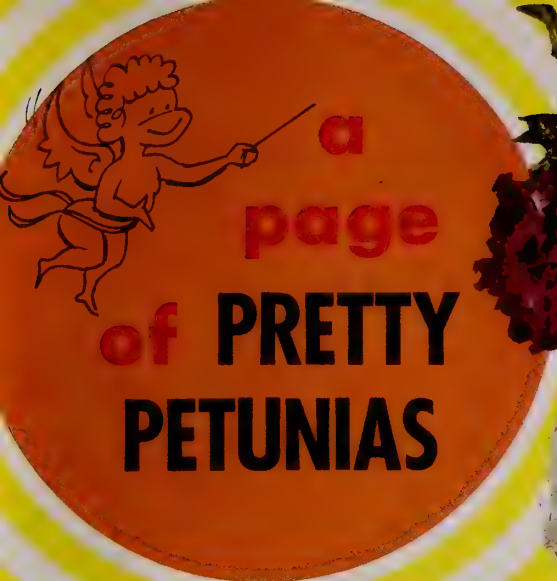
4455 PORTULACA Double Best Mixed. So full-double are the flowers and of such large size, they resemble miniature roses. Widest range of color. 4 to 6 in. Pkt., **25¢.**

4684 SALVIA Farinacea Blue Bedder. Rich blue with a silvery overtone. 2½ to 3 ft. Pkt., **25¢.**

4669 SALVIA St. John's Fire. Spires of scarlet stand well above the bright green foliage. Very early. 13 in. Pkt., **25¢.**



8438 PYRETHRUM Robinson's Hybrids. Large daisy-like flowers in rich shades of pink, rose and red. Long stiff stems make it excellent for cutting. 2 ft. Pkt., **25¢.**



a page of PRETTY PETUNIAS

3940 PETUNIA All Double Glorious Mixed. Showy in the garden border, excellent for mass effect. 12 to 18 in. Pkt., **75¢.**

4066 PETUNIA California Giants Dwarf Master Blend. A wide range of color. Plants bloom when quite small. 12 in. Pkt., **35¢.**

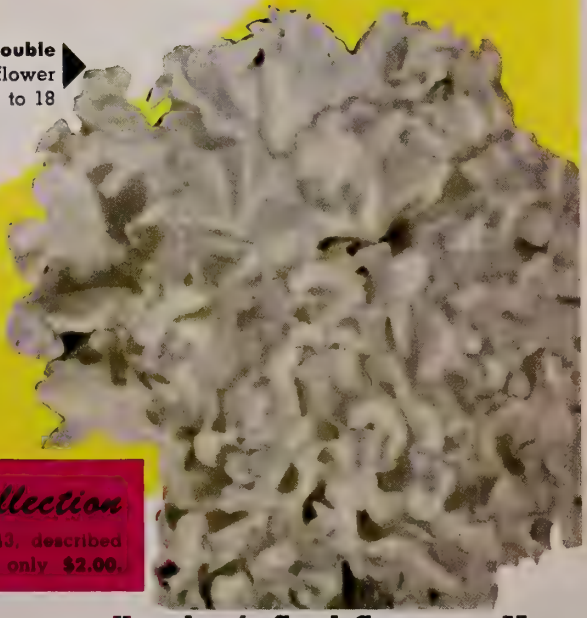
3935 PETUNIA All Double Lyric. Rich clear pink. A new color in All Doubles. 12 to 18 in. Pkt., **75¢.**

4087 PETUNIA F-1 Aristocrat. Large flowered pure white with bright yellow throat. 15 to 18 in. Pkt., **50¢.**

4076 PETUNIA Fluffy Ruffles Mixed. Large heavily ruffled and fringed flowers, many with well-defined contrasting throat. 15 to 18 in. Pkt., **35¢.**

4043 PETUNIA F-1 Calypso. Huge rose-scarlet blooms with white, mostly in a star pattern. 15 to 18 in. Pkt., **50¢.**

3939 PETUNIA All Double Sonata. Largest flower of purest white. 12 to 18 in. Pkt., **75¢.**



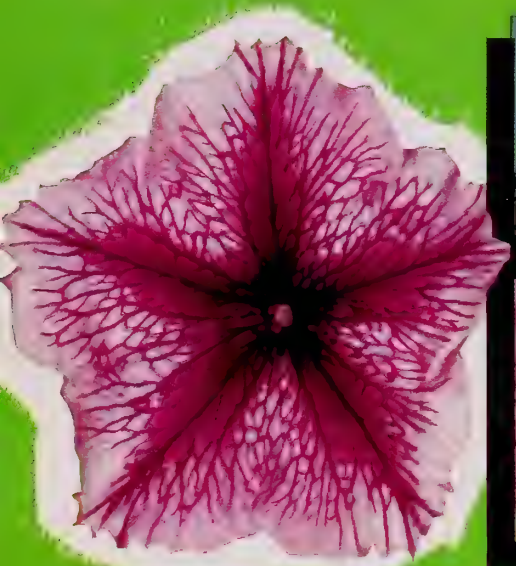
4100 *Petunia Collection*
Includes 3935, 3939, 4087, 4043, described above, 4 Pkts., $2.50 Value, only **$2.00.**

Petunias, Phlox and Scabiosa

3930 CHERRY TART (All Double). Bright rose-pink with sharply contrasting pure white variegation. Pkt., **50¢.**

4094 F-1 Petunia Collection includes 4075, 4088, 4014, 4036, described here (all seed pelletized for easy sowing). 4 Pkts., $2.00 Value, only **$1.50.**

4014 PETUNIA F-1 Comanche. Deep scarlet red; one of the finest for bedding. 15 in. Pkt., **50¢.**

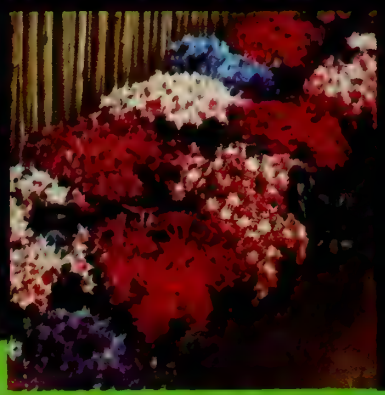


4088 PETUNIA F-1 Sugar Plum. Bright orchid-pink penciled and shaded in a deeper tone. 15 in. Pkt., **50¢.**

4036 PETUNIA F-1 Dawn Satin. A soft pink color tone and dwarf compact plant habit combine in making this an outstanding variety for the home garden. Pkt., **50¢.**

4085 PETUNIA F-1 Pink Desire. Large ruffled flowers of clear bright pink. 15 to 18 in. Pkt., **50¢.**

4035 PETUNIA F-1 Coral Satin. All America 1961. Compact plants covered with masses of coral-rose bloom. Seed has been pelletized for convenience in handling. 12 to 15 in. Pkt., **50¢.**



4180 PHLOX Twinkle Dwarf Star Mixed. Dainty star-like flowers in a wide range of self-colors and unusual bicolor combinations. 8 in. Pkt., **25¢.**

4220 PHLOX Drummondi Vaughan's Special Annual Mixture. Includes all the popular varieties as well as colors and color combinations. 15 to 18 in. Pkt., **25¢.**

4735 SCABIOSA Super Crown Imperial Mixed. Delicately fragrant large double blooms. Free flowering in a wide variety of colors. 4 ft. Pkt., **25¢.**

Globe Amaranth

(Gomphrena)

ANNUAL: One of the Everlastings that makes a fine display of clover-like blooms in the garden. In flower from mid-summer to frost.

LOCATION: An excellent edging or border plant. When dried the Globe Amaranth is a welcome addition to the Everlasting group so much used in winter bouquets. For winter use, the heads should be cut just before flower is fully open and hung up to dry in a cool airy place.

SOW SEED: Sow seed outdoors ⅛ inch deep in fine soil after danger of frost is past. Transplant or thin to 6 to 8 inches apart when 3 to 4 inches tall. Seed germinates in 2 weeks.

2536 BUDDY. Vivid purple blooms, in flower over a long season. 6 in. Pkt., **25c.**

Gloxinia

2560 VAUGHAN'S INTERNATIONAL MIXTURE. Magnificent house plants, handsome bell-shaped flowers in a diversity of the richest colors. These seeds are very small and require care in handling, but start very readily when sown in pans or pots on finely sifted soil and watered from beneath. Seed germinates in 2 to 3 weeks. 12 in. Pkt., **25c.**

Godetia

ANNUAL: Beautiful summer flowering annual. Plants are quite hardy and extremely easy to grow, remaining in full beauty for a long period.

LOCATION: Of great value in the garden where they make an effective display for beds or mixed borders. Thrive best in cool moist soil.

SOW SEED: Seed should be sown indoors in March or April and covered with fine soil to a depth of 1/16 inch. While an outdoor sowing may be made when danger of frost is past, earlier and better results will be obtained from an inside sowing. Transplant or thin indoors to 3 inches apart when 2 inches tall and set outdoors 12 inches apart after frost danger is past. Seed germinates in 2 weeks.

2595 DOUBLE VAUGHAN'S SPECIAL MIXTURE. The large silky double flowers are closely set on the spike; bright and attractive colors that include white, pink, rose, lavender and crimson. 2½ ft. Pkt., **15c.**

Gourds

FOR UNUSUAL DECORATIONS

ANNUAL: A rapid growing annual climber with beautiful dense foliage, bearing odd shaped and curiously marked fruits. When ripened the fruit may be given a light coat of shellac. The small fruits are much in demand for table decorations, particularly during late Fall. Other sorts are useful as bird houses, dippers, bowls and toys. Ask for our special leaflet. Seeds germinate in 15 days. 10-20 ft.

SMALL FRUITED VARIETIES

2607 Bottle Miniature
2609 Crown of Thorns. Pkt., **25c.**
2643 Spoon
2646 Warted Sorts Mixed
2650 Small Fruited Varieties Mixed

LARGE FRUITED VARIETIES

2610 Dipper
2618 Hercules Club
2645 Turk's Turban
2651 Large Fruited Sorts Mixed

Each of the above, except as noted, pkt., 15c; 2 pkts., for 25c.

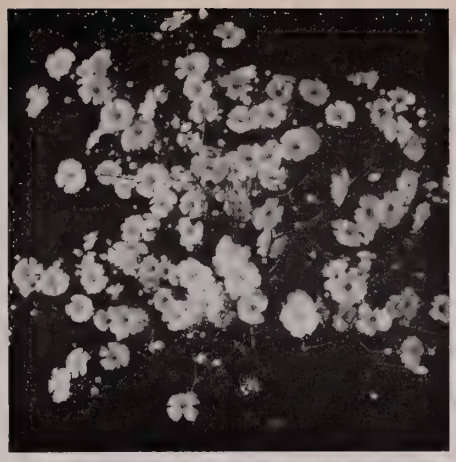
2660 VAUGHAN'S SPECIAL MIXTURE. All shapes and sizes of these interesting fruits, so fashionable for ornaments, bird houses, and utensils, are included in this mixture. ½ oz., **85c;** pkt., **25c.**

Plants For Your Inside Garden

With a little forethought and planning, your Window Garden of House Plants can retain much of the beauty found outdoors in your midsummer garden.

In addition to items marked such Annuals as Ageratum, Nicotiana, Phlox, Petunias and Torenia may be potted up in the Autumn and brought indoors. (All varieties mentioned fully described in the Annual Section of our catalog). This group will give generous bloom for several months indoors.

Potted plants are always attractive in the home. They are welcome on the porch or in window boxes during the summer where they provide brilliancy of color and freedom of bloom under most adverse conditions. They are particularly desirable during the winter months. The seeds we offer are of plants easily grown in window or your home greenhouse where light and heat conditions are satisfactory. Sow at any time of the year in a seed box or pan and have bloom the year round. Complete cultural instructions on the reverse of our seed packet.



2681 Gypsophila Large Flowering White. Pkt., 25c

Gypsophila

ANNUAL: Because of its light and graceful appearance this easily grown, popular annual has become indispensable as a cutflower lending grace and beauty to otherwise difficult cutflower arrangements.

LOCATION: Do not overlook the Gypsophila when planning your annual border. Very effective in bold groups. Thrives well in any good soil and can be had in flower from earliest Spring to late Fall.

SOW SEED: Seed is usually sown directly outdoors when frost danger is past. Cover with ⅛ inch fine soil, well pressed down. An inside early planting will provide sizeable plants to set out when weather warms. Transplant or thin to 10 inches apart when plants are 2 to 3 inches tall. Successive sowings two weeks apart will give a continuous supply of blossoms. Seed germinates in 10 to 14 days.

2681 ELEGANS LARGE FLOWERING WHITE SPECIAL SELECTION. 18 in. This is extremely free blooming, and petals considerably broader, making the flowers nice and round. ½ oz., **40c;** pkt., **25c.**

2682 ELEGANS VIVID ROSE. 18 in. Pkt., **15c.**

2686 —MIXED. Pkt., **15c.**

Gypsophila (Baby's Breath)

PERENNIAL Seeds germinate in 2 to 3 weeks.

7866 OLDHAMIANA. 3 ft. The buds are first almost white, but open a lively shade of pink that darkens as the flowers mature. Pkt., **25c.**

7867 PACIFICA. 4 ft. Withstands both severe winter and extreme heat. The seedlings form dense bushes with myriads of tiny pink blossoms. Pkt., **25c.**

7860 PANICULATA DOUBLE SNOW WHITE. 2-3 ft. July-Aug. A great improvement on the single-flowered type and more lasting. Pkt., **25c.**

7865 —(BABY'S BREATH). 2-3 ft. July-Aug. Small single flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt., **15c.**

7863 REPENS ROSEA. 6 in. Attractive pink. Pkt., **15c.**

Helianthemum

PERENNIAL **7906 MUTABILE (ROCK ROSE).** 8-12 in. Low growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac, then to white. Excellent for rockeries. Mixed colors. Seeds germinate in 2 to 3 weeks. Pkt., **15c.**

Helichrysum

(Everlasting or Strawflower)

ANNUAL: The best known and probably the most valuable of all "everlasting" flowers. Desirable for use as dried flowers in winter bouquets, they may also be used as fresh cutflowers. In bloom from July to September.

LOCATION: Excellent plants for the garden border, especially in light soil and a sunny location.

SEED SOWING: Sow seed outdoors after danger from frost is past. Cover to a depth of ¼ inch. Transplant or thin to 12 inches apart when plants are 3 to 4 inches tall. Seed germinates in 2 weeks.

FOR WINTER BOUQUETS: Recommend cultivating a special row in an area where it can be carefully watched. Cut just before yellow center of flower is exposed and dry in a cool airy place. To increase flower size, disbud and allow one bloom to a stem.

2810 VAUGHAN'S SPECIAL MIXTURE. A balanced blend. Includes all the most popular colors. **Illustrated in color on page 43.** ⅛ oz., **45c;** pkt., **25c.**

Heliotrope

ANNUAL: An oldtime flower of fragrance and beauty. Best treated as an annual. Blooms from June to September.

LOCATION: An excellent bedding plant in Summer. Plants can be potted for winter bloom inside. Prefers a sunny location. Shows up well when massed in beds or as a group in the garden border.

SOW SEED: Sow indoors in February and March in fine soil to a depth of ⅛ inch. Can also be sown outdoors when all danger of frost is past. Transplant or thin indoors to 2 inches apart when plant is 1 inch tall and set in garden row after frost danger has passed, spacing 1 to 2 ft. apart. **Illustrated in color on page 43.** Seed germinates in 2 to 3 weeks.

2820 MAMMOTH MIXED. Large flower heads of unusual beauty in shades of blue and lilac. 1 ft. Pkt., **25c.**

Helleborus

PERENNIAL **7917 NIGER (CHRISTMAS ROSE).** 10 in. A rare interesting perennial which blooms in winter or early spring. Flowers of white. Although a difficult subject, it is well worth the effort. For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow. Pkt., **35c.**

Hemerocallis

PERENNIAL **7922 PEERLESS BLEND.** Seeds saved from botanical species, and fine hybrid seedlings. This blend will give a wide color range. For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks, then sow. Pkt., **25c.**

Hesperis Matronalis

(Sweet Rocket—Evening Scented Stock)

PERENNIAL The fragrant flower-heads resembling perennial Phlox, make a fine display in the border, endure light shade. 2 to 3 feet. June and July. Seeds germinate in 3 to 4 weeks.

7930 PURPUREA. Lilac. Pkt., **15c.**

7935 ALBA. White. Pkt., **15c.**

Hibiscus (Rose Mallow)

PERENNIAL In the late summer, well established plants of Mallow bear their beautiful single flowers, 3 to 5 inches. Slow and uneven to germinate. Care should be taken not to allow seed bed to dry out. Often requires 30 days or more.

7947 AVALON HYBRIDS. 3 ft. Flowers mostly of bell shape, vary from blush through pink, rose and vivid reds. Bloom until October. Pkt., **25c.**

7960 MALLOW MARVELS MIXED. 3-5 ft. Pkt., **15c.**

7943 HEUCHERA, Sanguinea New Hybrids

Heuchera (Coralbells)

PERENNIAL From a tuft of heart shaped leaves, graceful flower stalks rise, bearing flowers in clusters. Seeds germinate in 2 to 3 weeks.

7940 SANGUINEA. 2 ft. July-Aug. Long stems of large crimson-scarlet flowers. Pkt., **25c.**

7943 —NEW HYBRIDS MIXED. All shades of red and coral pink. Large and free flowering. Pkt., **25c.**

Hollyhock

ANNUAL: This free flowering strain can be grown as an annual and flowered in five months from seed, yet is sufficiently hardy it winters over and will last for several years.

LOCATION: Height makes this a most desirable background plant, excellent for growing along fences or for hiding that unsightly spot in the garden.

SOW SEED: Using fine soil, sow seed to a depth of ¼ inch in frame during February or March, seedlings can then be set out in April and plants flower from July on. Set plants at least 20 inches apart. This annual strain is seldom attacked by rust. Seed germinates in 10 days to 2 weeks.

2841 TRIUMPH SUPREME MIXED. A profuse bloomer, beautiful double flowers in a variety of interesting colors. 5 ft. Pkt., **25c.**

Hollyhocks

PERENNIAL Hollyhocks are most decorative. Following Delphiniums in the border show they have a long season of bloom which can be prolonged by picking off faded flowers. A second crop will come if the first stalks are cut back. They need a well drained location. Hollyhock rust can be overcome by sowing the seed each year for flowering the next, as rust seldom attacks young plants. Seeds germinate in 2 to 3 weeks.

DOUBLE VARIETIES

8005 NEWPORT PINK. The finest pure pink. Pkt., **15c.**

8015 VAUGHAN'S PRIZE DOUBLE MIXTURE. Finest shades in perfect flowers. ⅛ oz., **60c;** Pkt., **15c.**

8016 VAUGHAN'S SPECIAL MIXTURE. Mixture of all the best double varieties. Pkt., **25c.**

SINGLE VARIETIES

More permanent and hardy than the double.

8055 MIXED. ¼ oz., **30c;** pkt., **15c.**

2853 HOUSE PLANT SURPRISE. A formula blend containing not less than 100 different varieties of ornamentals suited to the sunny window or the greenhouse. Many are rare and unusual. Sift the fine seeds from the coarse before sowing since the latter will need deeper covering. Allow for variation in germination. Pkt., **50c.**

Hunnemannia

ANNUAL: 2861 SUNLITE. Gorgeous semi-double, clear canary-yellow blooms. The extra rows of short petals are on the outside instead of the inside of the tulip-shaped flowers. Light gray-green foliage. Flowers last two to three days. Easily grown from seed, sow in early Spring where they are to bloom—do not transplant well. Seed germinates in 10 to 14 days. 1½ ft. Pkt., **15c.**

2841 Hollyhock Triumph Supreme Mixed. Pkt., 25c.

Impatiens

ANNUAL: A gay half-hardy annual, easily and quickly grown from seed. An abundance of colorful blooms throughout the Summer in shade.

LOCATION: Freedom of bloom and quick vigorous growth are fast making Impatiens a popular outdoor bedding variety. In the garden border, given full or partial shade, the rich color tones are at their best. As the cool days of Fall approach, pot up a few plants for indoor flowering during winter months.

SOW SEED: The seed is very fine and should be pressed firmly into the soil. Sow in March or April, maintaining a temperature as close to 60 degrees as possible. Transplant when seedlings are 1 inch high. Set in the open ground in June about 1 ft. apart. For growing on indoors, place 1 inch seedlings in small pots later shifting to 5 inch pots where they are to bloom. Seed germinates in 15 days.

2890 DWARF FIERY SCARLET. Low spreading plants completely covered with large blooms averaging 2 inches across in a fiery scarlet tone that changes to deep salmon-scarlet as it matures. 6 to 8 in. Pkt., **50c.**

2884 ORANGE BABY. An extra dwarf, very uniform flat growing variety with very bright orange scarlet flowers. 6 in. Pkt., **50c.**

2885 PINK BABY. The delicate pink flower blends well with the darker shades. Plant very compact and dwarf. 6 in. Pkt., **50c.**

2886 SCARLET BABY. Extra large bright scarlet flower, bronze-green leaves and dark stems. 5 in. Pkt., **50c.**

2887 WHITE BABY. The pure white flower accented by the clear green leaf is freely borne on plants that are dwarf and compact. 6 in. Pkt., **50c.**

2883 BABY MIXED. Selected for its dwarf compact habit, rich color tones and abundance of bloom. These low-growing Impatiens are at their best when grown in partial shade. Includes all the popular colors. **Illustrated in color on page 43.** Pkt., **50c.**

2880 TALL VARIETIES CHOICE MIXED. A variety of interesting colors which include lilac, carmine, salmon pink and scarlet. 1½ ft. Pkt., **25c.**

Grow Iris from Seed

PERENNIAL For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

8086 AVALON BLEND. Made up from such beautiful and desirable Iris species and hybrid groups as Tenax, Forresti, Clarkei, Aurea, Douglasiana, Delavayi and many others. Interesting and unusual. Pkt., **35c.**

8091 DICHOTOMA (AUGUST OR VESPER IRIS). Fragrant flowers on tall branching sprays, from July to September. Cream to violet-purple markings of various colors. Pkt., **25c.**

8090 GIANT BEARDED. (German). From a fine collection of seedlings and should show a remarkable range of variable color richness, all the bright self hues, with pastel harmonies in fawn, lilac, bronze tawnies, rose shades, copper and wine shadings. Pkt., **35c.**

8089 KAEMPFERI. Seed was saved from an exhibition collection of six-petaled varieties. Large and rather flat blooms rich in coloring. Blooms in June and July one year after sowing. Pkt., **35c.**

For your convenience, we have included in our alphabetical listing those varieties especially recommended for Home Greenhouse and House Plants. They are marked.....

Ornamental Flowering Kale

ANNUAL: This unusual little foliage plant might well be referred to as the "conversation piece" of your garden. Attractive colors and unusual leaf formation are sure to be noticed.

LOCATION: Try a few plants in a corner of the garden. In the early stages the bright green leaf is deceiving—note the change in color tones as the weather becomes cool. Pot one or two for bloom inside during the winter.

SOW SEED: Make seed sowing in July and thin as plants develop to 2 ft. apart. At their best from early September and well into October or until killed by frost. Seed germinates in 10 days.

2458 FLOWERING KALE. Attractively curled leaves of green changing to white, cream-pink, rose and magenta, all on a dark green ground. As plants develop and season advances the color tones become more brilliant. 18 in. Pkt., **25c.**

2916 Kalanchoe Yellow Darling. Pkt., 50c

Kalanchoe

Does best at a maintained temperature of 68 degrees and seed will germinate in 1 to 2 weeks if so handled.

2915 HYBRIDA BRILLIANT STAR. Showy window succulent, with attractive fleshy foliage and big trusses of vividly red blossoms. Pkt., **35c.**

2916 YELLOW DARLING. Flowers of a strong lemon-yellow of outstanding brightness. These flowers together with the shining green leaves make it a perfect plant for flower arrangements. Plants are dwarf and compact. Pkt., **50c.**

Kochia

(Mexican Fire Bush)

ANNUAL: A quick growing and attractive annual foliage plant. The finely cut green foliage of Summer turns to a fiery red in Fall.

LOCATION: Useful for temporary hedges and borders; a brilliant background plant. Does well in a sunny position.

SOW SEED: Seed may be sown outdoors in well pulverized, rich soil after frost danger is past. For earliest color in the garden, we suggest starting indoors in April. Cover the seed with fine soil to a depth of ⅛ inch and press in firmly. When plants are 3 to 4 inches tall, thin or transplant to 18 inches apart. Spacing plays an important part in producing a symmetrical plant—do not crowd.

2965 CHILDSII. The pleasing light green of Summer and rich red of Fall make it readily adaptable to garden use. 2½ ft. ½ oz., **40c;** pkt., **25c.**

Annual Larkspur

ANNUAL: One of the finest garden annuals, blooming from early Summer to Fall. Long graceful spikes of beautiful double florets in a variety of colors.

LOCATION: Effective in beds and backgrounds; desirable as a cutflower. Prefers cool weather and requires frequent watering —need plenty of moisture.

SOW SEEDS: Sow seed outdoors in well prepared garden soil, where plants are to remain. Thin to 12 inches apart when plants are 3 to 4 inches tall. Larkspur seed may also be sown in late Fall and from such a planting will flower during May or June. Sowings made during March and April will provide a succession of bloom lasting until September. Essentially a cool weather plant, germination is erratic during warm dry weather. Normal germination period approximately 3 to 4 weeks.

VAUGHAN'S 6 BEST COLORS

Our selection of 6 Best Colors is based on customer demands and flowering trials we have checked. All are of the base branching type—tall strong spires of beauty in colors new and distinct. The fully double florets closely placed on the stem. 5 ft.

2121 SALMON PINK. Brilliant pink on salmon.
2128 ROSE. Clear deep rose.
2127 LILAC. Clear pale lilac, free from pink.
2130 WHITE. Pure white with no suggestion of pink.
2132 PINK. Deep rose pink.
2131 DARK BLUE. Deep violet-purple.

Each of the above: Pkt., 25c.

2133 SUPREME MIXED. Our own "formula-blend" which includes the above and many not listed. **Illustrated in color on page 44.** ¼ oz., **75c;** pkt., **25c.**

VAUGHAN'S LARKSPUR GARDEN

2140 1 pkt. each **Six Colors,** Rose, Lilac, Salmon Pink, White, Pink and Dark Blue. **FOR 75c.**

Lantana

ANNUAL: Although generally classified as a tender perennial, this interesting fragrant verbena-like flower responds well when treated as an annual. A bright showy flower, sure to create much interest wherever used.

LOCATION: Much in demand for bedding. Prefers a sunny well-drained location. Water as needed by soaking ground around plant. Pot up a few plants in Fall and grow on as an interesting house plant during winter.

SOW SEED: Seed is best sown indoors in early March, in fine soil and covered to a depth of ¼ inch. An outside sowing may be made directly into the open ground after frost danger has passed, but the inside sowing assures earlier flowering. Thin or transplant indoors to 3 inches when plants are 2 inches tall and transplant or thin outdoors to 15 inches apart. Seed germinates in 14 to 21 days.

2975 HYBRIDA MIXED. Clusters of multi-colored Verbena-like flowers in shades of white, red and yellow. Very fragrant. 2 ft. Pkt., **25c.**

Lathyrus Latifolius

(Hardy Sweet Pea)

PERENNIAL Very decorative climbing vines of the Pea family for growing on fences, trellis, etc., and for cutting. Seeds germinate in 2 to 3 weeks.

8115 MIXED. A special blending of the colors available in this fine climber. Pkt., **25c.**

Lavender (Lavandula)

PERENNIAL **8117 MUNSTEAD STRAIN.** 1 ft. A most valuable variety. A month earlier than the common Lavender. Seeds germinate in 2 to 3 weeks. Pkt., **25c.**

Liatris (Kansas Gay Feather)

PERENNIAL **8117A SCARIOSA SEPTEMBER GLORY.** A giant 6-ft. spike solidly covered with purple flowers from top to bottom. The flowers, unlike the common variety, come into bloom all at the same time creating a marvelous effect. Seeds germinate in 3 to 4 weeks. Pkt., **25c.**

5844 ANNUALS FOR WINDOW OR PORCH BOX IN MIXTURE. A charming selection of quick growing annuals including both compact and trailing types with brilliant colors and long flowering season. Pkt., **25c.**

Lilies from Seed

PERENNIAL Many Lilies are easily grown from seed; and seedling Lilies are likely to be more enduring in your garden. A leaflet describing the simple methods which bring success, requiring no skill, but merely care and patience, will be sent free with each order for Lily seed, if requested. Seeds germinate in 3 to 5 weeks.

8152 REGALE WHITE. Trumpets of pure glossy white, large blooms, very fragrant. A reliable, consistent bloomer, very hardy. Pkt., **25c.**

8163 TENUIFOLIUM (CORAL LILY OF SIBERIA). 24 in. Blooms are deep scarlet and have recurled petals of waxy texture. Pkt., **25c.**

8164A MIXTURE OF HARDY LILIES. Includes seeds of 50 Lilium species and Hybrid strains, but not, of course, in equal proportions. Pkt., **25c.**

8163 LILIUM Tenuifolium Pkt., 25c.

Linaria

ANNUAL: Easily and quickly grown from seed, the Miniature Snapdragon-like flowers provide a quick show of color in the garden border. Recommend successive plantings for continuous bloom.

LOCATION: Excellent for rock gardens and very attractive in the border or for edging. Nice for cutting. Prefers cool weather.

SOW SEEDS: Sow seed to a depth of 1/16 inch in fine soil, either indoors or outdoors after frost danger is past. Thin or transplant indoors to 3 inches apart when plants are 2 inches tall, or 6 inches apart outside. Seed germinates in approximately 2 weeks.

3035 NORTHERN LIGHTS. A gay mixture of desirable colors including bright yellows, brilliant blues, rich reds and bronzes as well as clear white. 15 in. Pkt., **25c.**

Linum (Flax) 12 to 18 in.

PERENNIAL One of the best sources of vivid blue and yellow in the perennial border. Seeds germinate in 3 to 4 weeks.

8140 FLAVUM COMPACTUM. The dark green foliage accents the golden yellow flower. Ideal for rock gardens. 8 in. Pkt., **25c.**

8125 PERENNE BLUE. 2 ft. May-Aug. Has dainty sky-blue flowers on graceful arching stems. Blooms produced continuously in profusion. Pkt., **15c.**

Lobelia

ANNUAL: An Annual of easy growth. Attractive, free flowering, compact plants covered with small brightly colored flowers.

LOCATION: Neat habit of growth and freedom of bloom make the Lobelia a valuable bedding or edging plant. Lends itself well to formal bedding schemes. Does well in partial shade.

SOW SEED: Sow indoors in February and March. Seed is very small. Barely cover with fine soil and press down firmly. When large enough to handle, seedlings should be transplanted to a flat of well prepared soil and when frost danger is past, in late May or early June, move the plants to final growing location, spacing 6 inches in the row. If kept well watered will be covered with flowers all Summer. Seed germinates in 10 to 15 days.

3041 BLUE GOWN. Clear deep blue, without eye. 6 in. Pkt., **25c.**

3045 CRYSTAL PALACE COMPACTA. Deepest blue, dark foliage. 4 in. Pkt., **15c.**

3049 MRS. CLIBRAN IMPROVED. Flowers of deep blue with white eye. 4 in. Pkt., **25c.**

3052 ROSAMOND. Compactness of plant and the rich carmine-red color has quickly made this a garden favorite. 4 to 6 in. Pkt., **25c.**

3054 WHITE LADY. Pure white that combines well with blue and carmine-red. 4 to 5 in. Pkt., **25c.**

3070 DWARF MIXED. Our own blend of "dwarfs" which includes many not listed. 4 to 5 in. Pkt., **15c.**

TRAILING LOBELIAS

An especially attractive Lobelia that is very effectively used in hanging baskets or window boxes, where the drooping effect is desired.

3065 SAPPHIRE. Deep blue flowers of unusual size, with pure white eye. Pkt., **15c.**

Lobelia

PERENNIAL **8145 CARDINALIS (CARDINAL FLOWER).** 2 ft. July-Oct. Tufts of bronzy green foliage from which arise spikes of fiery scarlet flowers. Seeds germinate in 3 to 4 weeks. Pkt., **15c.**

8171 Lupinus Polyphyllus Russell Mixture. Pkt., 25c

Lupinus Polyphyllus

(Hardy Lupines)

PERENNIAL **Inoculate Lupin seed with Nitragin. Garden size 25c. Chill seed before sowing.** Likes cool weather. Requires a well-drained location. Seed germinates in 2 to 3 weeks.

8171 RUSSELL STRAIN. MIXED COLORS. These remarkable Lupins are often 3½ ft. in length. Flowers in 4 months from sowing. Pkt., **25c.**

3052 Lobelia Rosamond. Pkt., 25c.

Lunaria

BIENNIAL: (Honesty or St. Peter's Penny)
8150 BIENNIS ANNUA. Flowers lilac-purple followed by silvery seed pod prized for winter bouquets. Biennial but readily self-sows. Seeds germinate in 2 to 3 weeks. Pkt., **25c.**

Lychnis

PERENNIAL Seeds germinate in 3 to 4 weeks.
8190 CHALCEDONICA (MALTESE CROSS). 3 feet. June-Aug. Burning Star. Flowers fiery red in clusters, each blossom forming a Maltese cross. Will bloom from seed the first year. Pkt., **15c.**

Lythrum

PERENNIAL **8220 ROSEUM SUPERBUM.** Spikes of rose-purple; a good border plant, 40 in. Seeds germinate in 2 to 3 weeks. Pkt., **15c.**

Matricaria

(Feverfew)
ANNUAL: 3206 CAPENSIS IMPROVED. Small double white flowers, borne in clusters. Although perennial in character, it may well be treated as an annual. Start seed indoors in March, transplant or thin when seedlings are large enough to handle and set in open ground after frost danger is over. Useful in the border and as a cutflower. Blooms from July to October. Seed germinates in 12 days. 3 ft. Pkt., **35c.**

Evening Scented Stock

(Matthiola)
ANNUAL: 3212 BICORNIS. Small purplish-lilac colored flowers which emit a delightful perfume in the evening or after a shower. Sow outdoors after danger from frost has passed. Blooms all Summer and Fall. Seed germinates in 10 days. 15 in. Pkt., **25c.**

Mesembryanthemum

(Ice Plant)
ANNUAL: A low growing annual, easily grown from seed, in a range of brilliant colors.
LOCATION: When used as a mass effect in the garden, the brilliant colors seem to reflect the sun. Prefers a sunny location and light well-drained soil. Shows up well when grown in crevices of paving or old walls.
SOW SEED: Seed may be sown in the open ground in late May or as soon as danger from frost has passed. Use fine light soil and sow ⅛ inch deep. Thin out or transplant seedlings 6 inches apart. Seed germinates in 8 to 10 days.
2869 CRINIFLORUM (Livingstone Daisy). Brilliantly colored, daisy-like blooms in white, lavender, pink, rose and red. 6 in. Pkt., **25c.**

Mignonette

ANNUAL: A garden favorite because of its unique fragrance. Some of the modern varieties, such as the one we offer, combine the well-loved fragrance with large colorful spikes.
LOCATION: Excellent for cutting, especially when combined with other flowers. Also suitable for window boxes and in the garden border. Pot up a few plants late in the season and grow on indoors during the winter. Grows satisfactorily in partial shade and does best in cool weather.
SOW SEED: Plant seed outdoors after all danger of frost is past, covering seed ⅛ inch with fine soil, well pressed down. When plants are 2 inches tall, thin to 9 inches apart. Seed germinates in 10 to 12 days.
3245 MACHET SELECT. Large colorful spikes of fragrant bloom. 15 in. ⅛ oz., **55c;** pkt., **25c.**

Cultural Hints

Perennials From Seed

Perennials are treasured not only for hardiness and longevity but for their early response to the first warm days of Spring. Warmth quickly induces luxurious growth and soon beds are covered with a warm green that serves as background material for garden display from April to November. Supplemented by a few well-chosen annuals, biennials and summer flowering bulbs for late bloom a succession of interesting color will be yours in the garden border from May to killing frost.

SEED SOWING: Early sowing is recommended May to June is the best time. The seed bed should be in a shady area, protected from the winds and rain. A coldframe, if available, offers best protection. Until seed germinate, sash that has been whitewashed on the under side may be used, after which lath sash should be substituted.

The seed bed should be well-drained soil which holds moisture, yet does not become soggy or heavy. This can best be obtained by mixing with the top 4 inches of heavy soil, 1 inch of leaf mold or granulated peat moss and 1 inch of sand or by adding 2 inches of humus to a sandy soil. The seeding medium should be well pulverized and raked level and be free of all rubbish. For perfect drainage, it is recommended the seed bed be slightly raised.

Perennial seed, for the most part, germinates slowly and should be sown in drills 2 inches apart; planted thinly and covered to a depth of not more than four times the diameter of the seed. A good method is to press the end of a ruler into the soil and make your seed sowing in this indentation. Press firmly into soil and water. At no time should seed bed be permitted to dry out.

TRANSPLANTING: When seedlings have produced one pair of true leaves, plant into an area where the soil has been enriched by the application of one-fourth organic fertilizer, setting the small plants 4 to 6 inches apart. Protect by lath sash during the hot dry months of late Summer and you should have plants large enough to transfer to the permanent location in September. After transplanting be sure area is well watered and the plants given protection from the hot midday sun.

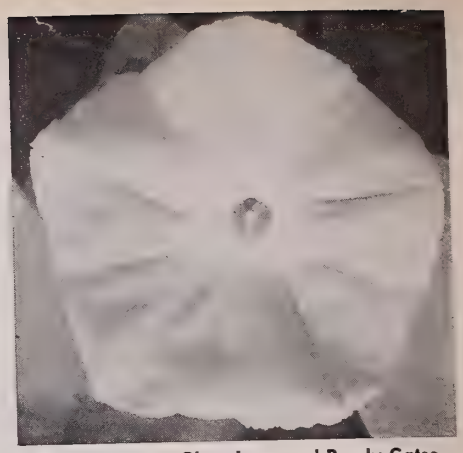
SPECIAL TREATMENT: Where a variety requires special soil conditions, chilling of seed before sowing or extra winter protection, we will incorporate this in the variety paragraph.

WINTER MULCHING: A winter mulch serves two important functions—protects plants from severe cold and in maintaining a more even soil temperature it prevents the alternate freezing and thawing of the ground the effect of which is harmful to plant growth. It is also of value in that it prevents the plants from starting into growth too early in Spring. Some perennials will grow during the warm spells which we frequently experience in late February or March, only to be severely checked later on by a return of severe winter weather. Light weight materials should be used, such as salt hay, straw, evergreen boughs, glass-wool and tobacco stems. Depth of mulch depends on material used, and severity of climate. It is as bad to apply too heavy a mulch which will smother plants, as it is to apply too light a covering. A good rule of thumb to follow in removal of mulch in Spring is wait until the Snowdrops and Crocus are in bloom (usually in April in the vicinity of Chicago). If heavily covered, remove mulch gradually with the final covering removed on a cloudy day so young plants which may have already appeared are not too suddenly exposed to brilliant sunshine.

Biennials From Seed

In biennials we find some of our most beautiful garden flowers. Because of their limited life cycle they are frequently overlooked and often disregarded. While the perennial comes into its own the second year from seed sowing, most live on indefinitely. On the other hand, the biennial, too, comes into its own the second year but during that year the plant blooms, produces seed and dies. This transient quality can be turned into an asset making a long succession of bloom in your garden possible. Since the biennial transplants easily, it can be moved into the garden border a few weeks before flowering and then up-rooted and destroyed when the bloom-period is over. Space is thus made available for annuals, autumn flowering bulbs and other perennials to continue your succession of flowers.

SEED SOWING: Seed sowing should be made in early June. This will insure plants of good size that will winter-over with more success. Use a carefully prepared seed bed (see Perennials From Seed for soil instruction) and guard against over-crowding. The results will be rewarding. The small plants may be set into the garden border in late August to winter over (give a light mulch such as you do perennials) or held over with protection in a cold frame to be set in the border a few weeks before they are to bloom.



2943 Morning Glory Improved Pearly Gates. Pkt., 25c.

Giant Morning Glories

COLORFUL CLIMBERS

ANNUAL: Vigorous showy annual climbing vines of easy culture provide a vivid mass of color all Summer.
LOCATION: The dense foliage makes these vines ideal for covering arbors, trellises, porches and tree stumps. Prefers dry sandy soil.
SOW SEED: Plant outdoors in a sunny location after danger of frost has passed. Use fine soil and cover seed to a depth of ½ inch, pressing down firmly. When plants are about 4 inches tall thin or transplant to 6 inches apart, giving plants some support for climbing when about 12 inches tall. May also be started indoors in pots for setting out later. The seed coat of the Morning Glory is quite hard. To hasten germination, we recommend nicking the outer shell with a sharp knife or file, opposite the eye, or soak seed in water overnight. A rampant grower, it is inclined to run heavily to foliage with less bloom, if overfed or given too much root freedom. We suggest growing in pots and plunging these in ground where they are to bloom. This tends to confine the roots and induce more bloom. This is particularly true of the large flowered climbing sorts. Seeds germinate in 8 to 10 days.

2941 HEAVENLY BLUE CLARKE'S EARLY FLOWERING. A strain of Heavenly Blue selected for earliness. Flowers measure 3½ to 4 inches across. **Illustrated in color on page 43.** ¼ oz., **35c;** pkt., **25c.**
2903 DARLING. Giant flowers, up to 4 inches in diameter, of a rich wine red with snowy-throat that provides contrast. Very free flowering. Pkt., **25c.**
2943 IMPROVED PEARLY GATES. This is a white sport of the lovely Heavenly Blue, similar in size, vigor of growth and abundance of bloom. Pkt., **25c.**
2948 SCARLETT O'HARA. 3½-in. flowers of a soft velvety scarlet, borne in profusion. Flowers stay open longer than other sorts. Pkt., **25c.**
2930 FLYING SAUCERS. The unusual bright blue and powdery-white stripe-color combinations create an illusion of whirling motion. Heat tolerant; easy to grow. Unexcelled for trellis and arbor. Pkt., **25c.**
2940 RED, WHITE AND BLUE COLLECTION. One packet each of Scarlett O'Hara, Heavenly Blue and Pearly Gates Morning Glory (**value 75c**), for **50c.**
2935 RED, WHITE AND BLUE MIXTURE. A balanced mixture of the above. Pkt., **25c.**

MOONFLOWERS

These are vines that bloom at sunset, fading in late morning. Very fragrant.
2895 BONA NOX (Evening Glory). Violet. **25c.**
2905 MEXICANA GRANDIFLORA ALBA (White Moonflower). Opens 4–5 inch white flowers every evening and cloudy day. Pkt., **25c.**

BUSH MORNING GLORY 1 FT.

Showy hardy annuals for beds and borders, also rockwork; they bloom for a long period and delight in sun.
1922 ROYAL ENSIGN. A deep bright ultra-marine; the deepest and brightest of all blue annuals, with a white halo and gold throat. The plants are covered with their attractive blossoms all summer. **Illustrated in color on page 44.** 8 in. Pkt., **25c.**
1920 MIXED. All colors. Pkt., **15c.**

PERENNIAL **8259 NATIVE WILD FLOWER MIXTURE FOR SUN OR SHADE.** Seeds of more than 100 different species. All American, collected in the temperate zone. For woodlands, and wild flower gardens. Pkt. **25c**

A POTPOURRI OF *Color*

5782 VINCA ROSEA Dwarf Bright Eye. Glistening white with contrasting rose-red eye. 8 to 10 in. **Pkt., 25¢.**

358 SNAPDRAGON F-2 Master Blend. Blended from color lines of selected F-1 Hybrid varieties. Contains many unknown colors and color combinations. 2 ft. Pkt., **35¢.**

5265 SWEET PEAS Cuthbertson Floribunda Mixture. Bright clear colors, delicately fragrant blooms. Pkt., **25¢.**

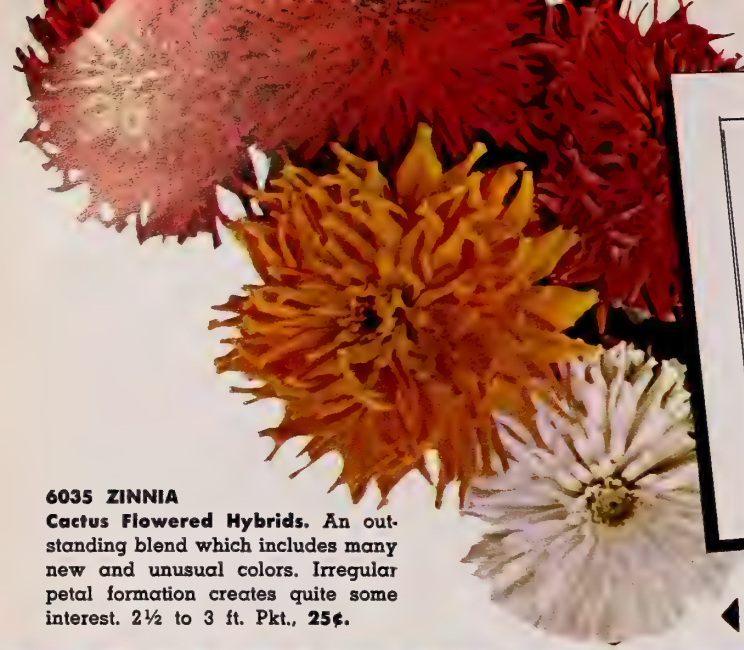
5749 VERBENA Dwarf Master Blend. Dwarf, compact plants covered with bright colored blooms. 8 in. Pkt., **25¢.**

5740 VERBENA Delight. Dwarf plants covered with giant blossoms of clear coral-pink suffused salmon. 12 in. Pkt., **35¢.**

319 SNAPDRAGON Vanguard (F-1). All America 1960. Long spikes of double flowers, cerise-rose edged with yellow. 2 ft. Pkt., **$1.00.**

4828 STRAWBERRY Baron Solemacher. Large berries. A novelty variety. Fruit is quite sweet and very fragrant. Pkt., **25¢.**

A Fine Collection of Zinnias



6035 ZINNIA
Cactus Flowered Hybrids. An outstanding blend which includes many new and unusual colors. Irregular petal formation creates quite some interest. 2½ to 3 ft. Pkt., **25¢.**

6041 ZINNIA Snow Time. More nearly white than any other previously offered in the Cactus Flowered group. 2½ to 3 ft. Pkt., **25¢.**

6075 ZINNIA Lilliput Vaughan's Special Mixture. Small double flowers, excellent for borders or as a cutflower. Very free flowering. 1 to 2 ft. Pkt., **25¢.**

6185 ZINNIA All-Type Collection. Includes 8 distinct types all fully described in our Zinnia pages. **8 pkts.** (valued at $1.80) **for $1.20.**

6037 ZINNIA Rosie O'Grady. Deep rose center shading to soft rose at outer petal. Distinctive bicolor, 2½ to 3 ft. Pkt., **25¢.**

4930 STOCKS Trysomic 7 Weeks Mixed. A brilliant range of color. Shows quite some resistance to hot weather. Pkt., **25¢.**

8580 VIOLA F-2 Toyland. Pure colors and color combinations that include red variations, blues, gold, apricot and white. Quite resistant to high temperatures and low rainfall. Pkt., **25¢.**

328 SNAPDRAGON Rocket Mixed (F-1). All America 1960. Long spikes of evenly spaced florets; good color range. Seed has been pelletized for convenience in handling. 2½ to 3 ft. Pkt., **50¢.**

Sun Loving Marigolds For Border and Cutting

Petite Marigolds

Dainty Dwarfs

PETITE MARIGOLDS

An Extra Dwarf Double French Marigold awarded the All America Bronze Medal in 1958. A distinctly different class combining earliness, compactness of habit with bright gay colored blooms of good size that are borne in great profusion, from early Summer to late Fall. 6 in.

PETITE TYPE

3116 YELLOW
3117 GOLD
3121 SPRY. Golden yellow, maroon collar
3118 HARMONY. Deep orange, maroon collar.
3119 ORANGE

Each of the above: Pkt., 35c.

3120 MIXED. A formula blend of the above. **Illustrated in color on page 53.** Pkt., **25c.**

HARMONY TYPE

A group of Double Dwarf French Marigolds with crested centers. Very free blooming.

3170A SPRY. Yellow bordered mahogany. 9 in.
3164A BUTTERBALL. Soft butter yellow. 10 in.
3168 LEMONDROP. Canary yellow. 9 in.
3174 HARMONY. 1 ft. Dwarf, compact, early, golden yellow bordered maroon red. Pkt., **15c.**

DWARF FRENCH DOUBLE

Slightly taller than the above, the varieties we offer have proven their value to the home gardener.

3169 TANGERINE. A distinct shade of bright tangerine-orange. 15 in.
3167 RUSTY RED. Rich rusty red delicately edged golden yellow. Very large flower averaging 2 inches and more across. **Illustrated in color on page 53.** 1½ ft.

Each of the above, except as noted: Pkt., 25c.

3166 BROWNIE SCOUT. Flowers are a rich gold with small red fleck near the base of petal. Early, free blooming over a long season. The "Birthday Blossom" of our Girl Scouts who are celebrating their 50th Anniversary. **Illustrated in color on page 35.** Pkt., **25c.**

All the Dwarf Marigolds

A delightful group of highly decorative small flowered marigolds. The color range extends from bright yellow to darkest maroon, with many attractive blends of yellow, red and orange. Their great variety lends interest to bowl arrangements and for cutting.

3157 VAUGHAN'S SPECIAL MIXTURE of small flowered marigolds, including Lulu, Red Head, Naughty Marietta, Harmony, Melody, Yellow Pigmy, Scarlet Glow, Dainty Marietta and others. **Illustrated in color on page 53.** Pkt., **25c.**

ANNUAL: Sun-loving annuals in every tint and shade of yellow and orange, also mahogany tones running into a lively red. Easily grown from seed, Marigolds provide interesting color in the garden from earliest Summer until killing frost.

LOCATION: The Tall African Marigold makes a splendid background plant and is much used for cutting. The Dwarf African type, with its large flower, is most effective in mass display and for borders. The flowers of the African group are very large, self-colored and many unusual flower formations have been developed. The French type with its smaller flower and dwarf habit of growth is ideal for use in front of mixed borders or for massing in beds. All Marigolds prefer a sunny, well drained location.

SOW SEED: Plant seed outdoors ¼ inch deep in fine soil in a sunny spot, after all danger of frost is past. When plants have become established, thin or transplant to 12 inches apart in beds or rows. May also be started indoors, thinned or transplanted to 2 inches apart when plants are 2 inches tall and transplanted into open ground when danger of frost is past. Seed germinates in 1 to 2 weeks.

MARIGOLD GIANTS

Huge ruffled, tightly petaled blooms, the largest flowered of all Marigolds.

3147 CRACKERJACK. Giant blooms, all of which exceed 5 inches in diameter in true Marigold colors, primrose to yellow, gold and brilliant orange. Earliness and freedom of bloom, together with a noticeable lack of single flowers make this "new giant" a popular addition to the garden. **Illustrated in color on page 53.** 3½ ft. Pkt., **25c.**

3131 REAL GOLD. Flowers of rich golden-orange illumined with yellow are freely produced on compact bushes. A late season bloomer. 2 ft. Pkt., **25c.**

3153 TOREADOR. Giant orange blooms freely produced, quite early. Pkt., **50c.**

3191 SPUN GOLD. The blooms of bright golden yellow, averaging 3 inches across, are combined with foliage of clear medium green. Unexcelled for mass effect in beds, borders, porch and window boxes or wherever a brilliant display of color is desired. **Illustrated in color on page 53.** Pkt., **50c.**

3154 CLIMAX MIXED. Full-double giant blooms on long graceful stems. Excellent for cutting. Lush green foliage provides the perfect background for the rich color tones of golden yellow, bright yellow and rich orange. **Illustrated in color on page 44.** Pkt., **50c.**

CARNATION FLOWERED

The extremely popular loosely ruffled broad petaled flowers form on well branched plants.

3129 CALIFORNIA GOLD. Deep orange flowers with long loose petals artistically arranged, without the Marigold odor. 2½ ft. Pkt., **15c.**

3115 MAN-IN-THE-MOON. Broad, crisply ruffled taffeta-like pale moon-yellow petals. Strong stems for cutting. Large flowers. The lightest of all yellow Marigolds. 3 ft. Pkt., **25c.**

3124 YELLOW SUPREME. Honey-fragrant blooms of rich lemon-yellow. Foliage is practically free from Marigold odor. 2 ft. Pkt., **25c.**

3155 SUPER GIANT MIXED. All the large flowered sorts, including the new varieties. Pkt., **25c.**

3150 VAUGHAN'S SPECIAL TALL MIXTURE. Our own formula-blend which includes "old-time" favorites as well as newer introductions. So complete is the list, it might well be called a "Treasure Chest" of Marigolds. ⅛ oz., **50c;** pkt., **25c.**

3155 MARIGOLD Super Giant Mixed. Pkt., 25c.

CHRYSANTHEMUM FLOWERED

The compact flower with its tightly incurved petal is truly chrysanthemum-like in form and a rich source of attractive cutflowers.

3151 MAMMOTH MUM. Extra large ball-like blooms of light sulphur yellow. 2½ to 3 ft. Pkt., **25c.**

3137 GLITTERS. Large clear yellow blooms on bushy erect plants. Foliage rich green. **Illustrated in color on page 53.** 2 to 2½ ft. Pkt., **25c.**

3140 VAUGHAN'S CHRYSANTHEMUM FLOWERED HYBRIDS. An early flowering strain, bearing flowers of several distinct types, and tones of orange and yellow. 3 ft. Pkt., **15c.**

DWARF CHRYSANTHEMUM FLOWERED

Flower of good size, averaging 2½ to 3 inches across. Freely produced on dwarf compact plants. So large is the flower and so free the bloom, it literally covers the plant. Odorless foliage. 8 in.

3196 CUPID (Yellow) Primrose yellow.
3194 CUPID GOLDEN. Rich golden color.
3197 CUPID ORANGE. True orange.
3198 CUPID MIXED. Includes all the above.

Each of the above: pkt., 25c.

DWARF DAINTY SINGLES

3183 DAINTY MARIETTA. Overlapping petals of soft golden yellow with maroon blotch at the base of each petal. 10 in. Pkt., **25c.**

3189 SUNNY. Cheerful bright yellow flowers with attractive wavy edges. 15 in. Pkt., **25c.**

3187 FLASH. Colors range from vivid red through bronze with a few yellow flowers. 18 in. Pkt., **25c.**

3179 NAUGHTY MARIETTA. Golden yellow flowers with mahogany star in center. **25c.**

MEXICAN MARIGOLDS

Dainty single flowers freely produced covering the mound-shaped plants. Outstanding in the garden border, for edgings and in the rockery. 7 in.

3110 LULU (Signata Pumila). Dainty single florets ¾ inch across in a pleasing shade of bright canary-yellow with a small dark eye. Pkt., **25c.**

3111 URSULA (Signata Pumila). Bright golden orange florets with a brighter orange zone and eye. Pkt., **25c.**

3175 VAUGHAN'S SPECIAL MIXTURE OF DWARF DOUBLE AND SINGLE VARIETIES. These dwarf, compact strains are very attractive, each plant being covered with hundreds of small bright flowers, including listed varieties and many others of charming variations. ⅛ oz., **50c;** pkt., **25c.**

A GARDEN OF MARIGOLDS

To provide a succession of bloom from earliest Summer until killing frost we have included in **OUR MARIGOLD GARDEN** Naughty Marietta and Color Magic, so rich in red and gold combinations, and one of the popular small single Mexican Group. For background and cutting, there is the Tall African Group of Burpee Gold, Chrysanthemum Flowered Mixed and Glitters, with their rich tones of gold, orange and yellow. **Illustrated in color on page 53.**

3200 1 pkt. each, 6 varieties, for **$1.00.**

Fragrant Nasturtiums

ANNUAL: Probably one of the most widely grown and known annuals. Showy, free blooming plants of easiest culture.

LOCATION: The dwarf sorts are recommended for beds and borders while the taller sorts provide a wealth of color when used as a covering for walls, arbors and trellises. In flower from July to October. Long stems, fine for cutting. The double varieties are very fragrant.

SOW SEED: Plant seed outdoors where they are to remain, after all danger of frost is past When plants are 3 inches tall, thin to 6 inches apart. Requires little or no fertilizing and very little water. Does best under conditions that discourage most plants, particularly on dry, sandy or gravelly banks. Seeds germinate in 8 to 10 days.

TALL DOUBLE—FRAGRANT

3735 GOLDEN GLEAM. The golden-yellow flowers are borne well above the bright green foliage. Pkt., **25c.**

3734 MAHOGANY. Dark mahogany red. Pkt., **15c.**

3736 SCARLET GLEAM. Fiery orange-scarlet. Pkt., **25c.**

3739 VAUGHAN'S DOUBLE TALL GLORIOUS GLEAM HYBRIDS. Colors never seen before in a double Nasturtium abound in profusion—salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, crimson, and gold flushed scarlet combine with the foliage of fresh green. **Illustrated in color on page 44.** Pkt., **25c.**

DWARF DOUBLE—FRAGRANT

3548 CHERRY ROSE. An early free flowering strain of soft cherry-rose. Very showy. 12 to 15 in. Pkt., **15c.**

3558 GOLDEN GLOBE. Mounds of golden yellow blooms on dwarf bushy plants. 12 to 15 in. Pkt., **15c.**

3560 DWARF DOUBLE GEM MIXED. Ideal for edging beds and window boxes. Evenly balanced range of bright colors. 12 to 15 in. Pkt., **25c.**

Old-fashioned, Free Flowering Single

3575 VAUGHAN'S SPECIAL SINGLE DWARF NASTURTIUMS MIXED. Single flowering varieties are preferred by many because they flower more freely in some locations. This mixture includes a well balanced range of red, orange and yellow, even more varied than is found among the double type. Pkt., **25c.**

Nicotiana

ANNUAL: Fragrant star-shaped flowers. Plants bear profusely from July to October. The Affinis varieties close in midday, but re-open as evening approaches.

LOCATION: Thrives best in a sunny spot in rich soil. Ideal for bedding and borders. Flowers remain open in water if cut when petals are fully expanded.

SOW SEED: Seed should be sown indoors in February and March, barely cover with fine soil, pressed down. Transplant or thin to 3 inches apart indoors when 2 inches tall and set in open ground, 18 inches apart, when all danger of frost is past. Seed may also be sown outdoors after frost danger has passed. Seed germinates in 20 days.

FRAGRANT TOBACCO PLANT

3403 DAYLIGHT. An abundance of pure white fragrant blooms that remain open all day. 1–2 ft. Pkt., **25c.**

3402 DAYLIGHT SENSATION MIXED. A brilliant color range. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white, are included. The blooms remain open day and night. 1½–2 ft. Pkt., **25c.**

3390 AFFINIS. Delightfully fragrant waxy white blooms in flower over a long season. Bushy habit. 2 ft. Pkt., **15c.**

3393 AFFINIS CRIMSON BEDDER. The flowers are of rich deep crimson. 15 in. Pkt., **15c.**

Nierembergia

ANNUAL: A dwarf plant forming cushions and bearing a mass of cup-shaped flowers. In its native habitat (South America) it is a perennial but under our conditions should be handled as an annual.

LOCATION: Excellent for rockeries and borders. Prefers a sunny well-drained location.

SOW SEED: Start seed indoors in January to March, merely pressing into soil. Transplant or thin indoors to 2 inches apart when plants are 2 inches tall. Set outdoors when frost danger is past, spacing 10 inches apart. Direct outdoor seeding may be made, after frost danger is past, but for earliest bloom indoor sowing is preferred. Seed germinates in 3 to 4 weeks.

3412 PURPLE ROBE IMPROVED. A rich violet blue that does not fade in the sun. 4 to 6 inches. Pkt., **35c.**

3894 Pansy Vaughan's Super Swiss Giant Mixture. Pkt., 25c

SPECIAL PANSY MIXTURES

3903 VAUGHAN'S DWARF SUPER SWISS MIXED. For those who desire plants dwarfer than the original type, we have had our grower make this selection. The colors are the same but the plants lower and more compact. Pkt., **35c.**

3794 VAUGHAN'S SUPER MAPLE LEAF GIANT MIXTURE (Canadian Giants). The leaves are of giant size and flowers up to 4 inches across, of wonderful substance and fine form. Many charming colors, 1/16 oz., **$1.75;** ⅛ oz., **$3.00.** Pkt., **35c.**

3910 COLOR CARNIVAL. The first American bred Pansy to compete with the finest Swiss types. Flower size is exceedingly large, plants are compact yet vigorous, all blooms are blotched. A magnificent color range, heavy in reds and scarlets, to which has now been added rich blue tones possessing the richest texture of color. Continued re-selection makes this strain the finest in depth of color and brilliancy. **Illustrated in color on page 54.** Pkt., **35c.**

3881 ENGELMANN'S GIANT. A special strain selected and developed by an English grower. The plants are dwarf and compact and the huge flowers, in many dark and light tones appear early. Pkt., **25c.**

3412 Nierembergia Purple Robe Improved. Pkt., 35c

Stately Pentstemon

ANNUAL: A superb bedding plant that deserves to be more generally grown. As showy as the Snapdragon, it has the advantage of a longer flowering season and will be in bloom when other bedding plants begin to fade. In our own trials, we found them quite at home under middle west conditions of heat and drought. Considered a perennial, we find it best treated and handled as an annual.

LOCATION: Stately spikes of trumpet-shaped flowers are useful for bedding, borders and cutting.

SOW SEED: Seed sowing should be made indoors from January to March, in fine soil, covering to a depth of 1 inch. Thin or transplant indoors when plants are 1 to 2 inches tall, setting plants 3 inches apart. Transplant outdoors to 18 inches apart when danger of frost is past. Seed germinates in 3 weeks.

3920 SENSATION MIXED. This reselected strain of an "old-time" favorite is much in demand as a cutflower. Large blooms, rich deep colors, stems that are strong and stiff, yet graceful in appearance. **Illustrated in color on page 44.** 2½ ft., Pkt., **25c.**

Giant Pansies

ANNUAL: Pansies have long been a specialty with us. We introduced the Swiss Giants to the American gardens, as well as the lovely Canadian Maple Leaf Giants—still the largest flowered of all. Beautiful large velvety flowers in a wide variety of color are in bloom during the cool days of early Spring.

LOCATION: Excellent in beds and rockeries and a charming cutflower arranged in a low bowl. Prefers a rich moist soil and does not object to partial shade. Keep dried flowers cut for continuous bloom.

SOW SEED: Plant seed in early Fall and give the young plants some protection over winter. Barely cover seed with fine soil and keep moist using a fine spray. Thin seedlings to 3 inches apart when about 1 inch tall. Make final transplanting outdoors as early in Spring as ground can be worked, setting plants 6 inches apart. Seed may also be sown indoors in early Spring for setting out later. Seed germinates in 10 days.

GIANT SWISS VARIETIES

3892 ALPENGLOW. Rich wine-red shades. Pkt., **35c.**

3891 BLUE (Ullswater) (Thuner Sea). Deep blue flower with blue-black blotches. **Illustrated in color on page 54.** Pkt., **35c.**

3820 CORONATION GOLD. The largest pure gold self. Pkt., **35c.**

3897 DELFT BLUE. A delightful tone of translucent blue. Pkt., **35c.**

3862 FIRE BEACON. Bright orange-red. Pkt., **35c.**

3901 RASPBERRY ROSE. Soft pink with a contrasting blotch of deeper velvety tone. **Illustrated in color on page 54.** Pkt., **35c.**

3900 WHITE. Pkt., **35c.**

3893 YELLOW (RHEINGOLD). Rich yellow with blotches on the three lower petals. Pkt., **35c.**

3894 VAUGHAN'S SUPER SWISS GIANT MIXTURE. The flowers are gigantic size, perfectly round, fine substance of flower and good form of plant, and exhibit shades previously unknown in this family. They bloom early in the spring, continuing in flower all summer until late in fall. **Illustrated in color on page 54.** 1/16 oz., **$1.75;** ⅛ oz., **$3.00;** pkt., **25c.**

Surprise!

GARDEN MIXTURE

A mixture of annuals making a profuse and charming display throughout the season. A source of constant delight due to its myriads of color and kinds.

LOCATION: The wide range of brilliant colors will make an attractive bed or border. Plant a row in the vegetable garden as an extra source of cutflowers. In bloom from early Summer until killing frost.

SOW SEED: Sow seed thinly outdoors in a well prepared seed bed after soil has become warm. Mark out rows lightly and sprinkle seed on surface barely covering with finely sifted soil, and press down firmly over seed. Can also be broadcast and raked lightly to cover. It is well to keep seed shaded from hot sun until they have broken through ground. Grass clippings, kept moist, are excellent for this purpose. As plants grow, thin and transplant frequently to provide plenty of space for vigorous growth.

5848 VAUGHAN'S SURPRISE GARDEN OF ANNUALS. Our own "formula blend" of over 80 different annuals, including some old favorites as well as newer and little known flowers. Keep watered and weeded and the faded flowers removed for long continuous bloom. **Illustrated in color on page 44.** 1 to 3½ ft. Oz., **50c;** ¼ lb., **$1.50.**

PERENNIAL SEED MIXTURES

Similar to our Surprise Garden of Annuals. These formula-blends are composed of the more important perennial varieties in their respective height groups.

8600 DWARF. 6 to 15 in.

8601 MEDIUM. 18 to 36 in.

8602 TALL SORTS MIXED. 3 ft. and upwards.

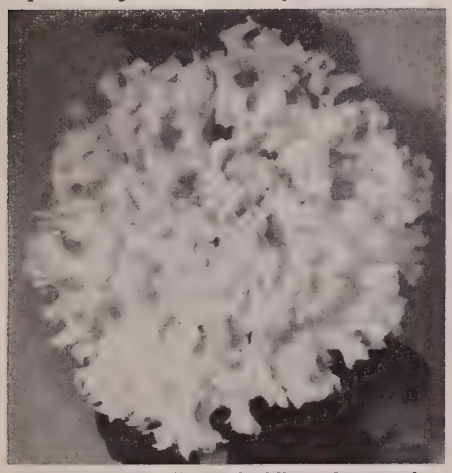
Each of above, per pkt., **25c;** 3 pkts. for **65c.**

Petunias For Color

ANNUAL: The Petunia is among the finest of our half-hardy annual flowers. At its best during the hot dry Summer, it will give a good display in wet seasons. The color range is most complete—purest white to delicate cream, soft pink tones to deepest red shades, rich purples, light and dark blues, all in flower sizes for every purpose—large and small, single and double.

LOCATION: There is a Petunia flower to fit your every need whether it be for bedding, borders, mass effect in the garden or a splash of color in the window box or hanging basket. Long lasting qualities make them particularly desirable as cutflowers. Prefer a warm, sunny location and do best in soil that is light, yet rich. In flower from June until the late killing frosts.

SOW SEED: The best time to sow inside is during February and March in boxes of light sandy soil. The seed is very fine and should be sown thinly in rows on the soil surface and given only the lightest of covering. Pressing seed gently to firm it in the ground is even better. Most failures are due to seeds being covered too deeply. For those who have never grown Petunias from seed, we suggest that you gently press the edge of a ruler into the ground—this light indentation is all that is needed as a guide in planting and will assist in plant identification as the small seedlings emerge after seed germination. After planting, cover seed box with a glass and sheet of paper until germination takes place. Lift glass each day and wipe off moisture. Transplant seedlings to another box when large enough to handle, this is usually after the second set of leaves has formed, spacing 2 inches apart each way. The small plants are then ready to set in the open ground the end of May or in early June, spacing these 8 to 12 inches apart. Seed germinates in 20 days.



3936 Petunia All Double Allegro Improved Pkt., 75c

Pan-American Strain Large All Doubles

Large fully double flowers with fringed and ruffled petals. Vigorous growing, yet retaining a compact habit. Showy in the garden border and for mass-effect. 12 to 18 inch.

3936 ALLEGRO IMPROVED. Deep salmon pink. 18 in.

3937 CAPRICE IMPROVED. Bright rose. 15 in.

3935 LYRIC. Rich clear pink. A new color in the All Doubles. **Illustrated in color on page 55.** 12 to 18 in.

3938 NOCTURNE. Dark blue-purple. 15 in.

3934 RHAPSODY. Deep Burgundy-wine purple. 12 in.

3939 SONATA. Pure white. **Illustrated in color on page 55.** 18 in.

3940 GLORIOUS MIXED. A complete color range. **Illustrated in color on page 55.**

Each of above, pkt., 75c.

Small Flowered All Doubles

3932 AMERICA IMPROVED. One of the first American produced All Doubles. Flowers are carnation flowered in form and size, 100% double, compact plants, individual flowers average 2¼ inches in size. 1 ft. Pkt., **50c.**

3931 CARDINAL RICHES. The first scarlet-red in the Double Petunias. Very free flowering. Pkt., **50c.**

3930 CHERRY TART. Bright rose pink becoming vividly alive by its sharply contrasting pure white variegation. **Illustrated in color on page 56.** Pkt., **50c.**

4030 Petunia Starred Variety Mixture. Pkt., 35c

Petunias

F-2 Dwarf Mixtures

4030 STARRED VARIETY MIXTURE. It is the F-1 Hybrid that provides the parent stock for this most popular color blend. Rich blues, deepest reds, rose and pink as the background color are the perfect foil for the purest of white star. Compact even habit, early and free flowering. Pkt., **35c.**

4033 COLORAMA MIXED. Uniformly large blooms, compact even in habit, free flowering. A complete range of color from purest white to deepest blues and reds. A few have starred combinations. Again the F-1 Hybrid provides the parent stock for the gay Petunia mixture. Pkt., **25c.**

4033a COLORAMA MIXED. Pelletized seed. Pkt., **35c.**

4028 Petunia F-1 Red Satin. Pkt., 50c

Petunia Giants

The largest flowered of all Petunias. Huge, open throated, ruffled flowers measuring 5 to 7 inches across on dwarf compact plants. This might well be called the "Exhibition Petunia"—sure to cause comment wherever shown.

4066 CALIFORNIA GIANTS DWARF MASTER BLEND.® We consider this the finest strain of Dwarf Giants. Comes into bloom when plants are quite small and in a wide range of color. **Illustrated in color on page 55.** Pkt., **35c.**

Best All Double Pink

3949 GLORIOUS SHADES OF ROSE. Plants of luxuriant growth bear 4½ inch flowers in abundance, varying in color from light pink to deep purplish rose, some being fringed and some plain edged. An American introduction of great size and freedom of bloom. Pkt., **$1.00.**

Pelletized Seed Petunias F-1

To make easier the handling of certain fine seeds, we have had them pelletized. This is a process whereby the tiny seed is given a protective coating into which has been incorporated a nutrient that assists in germination. A practice long in use by large vegetable growers with whom it has proven a big success.

Size permits individual handling of each seed. You can tell at a glance whether there are sufficient for your individual need. No guessing when you use "pelletized" seed. Start indoors for best results.

SOW SEED: Start seed indoors in February or March Use clay pots or milk cartons that have been cut lengthwise and filled to within ½ inch of the top with vermiculite, soil or peat moss. Water until moist and then place seeds about 2 inches apart, pressing down gently flush with the surface. Pellets should be just visible.

A pane of glass or cover over the seeds, slightly raised at one end, will hasten sprouting. When sprouts appear remove cover and water as needed. If vermiculite or moss is used, add a soluble fertilizer such as Ra-Pid-Grow. Thin seedlings when 2 inches tall to allow room for proper development. Transplant to permanent place in the garden when weather has warmed and danger from frost is past. This is usually after the middle of May. Space plants 12 to 14 inches apart.

F-1 Grandiflora Varieties (Large flowering)

Base branching, compact habit, free flowering. Flowers average 3½ to 4 inches across on plants 15 to 18 inches tall.

4087 ARISTOCRAT. Snowy-white blooms accented by a bright yellow throat. **Illustrated in color on page 55.**

4061 BALLERINA. Soft glowing salmon.

4011 BLUE LACE. Light orchid-blue penciled with deeper violet blue. Combines well with other colors.

4043 CALYPSO. Rose-scarlet blooms with white, mostly in a star pattern. **Illustrated in color on page 55.** 15 to 18 in.

4046 FIRE DANCE. Salmon red, golden yellow throat.

4082 MAYTIME. Soft salmon pink.

4085 PINK DESIRE. Ruffled flowers of clear bright pink. **Illustrated in color on page 56.**

4054 PRIMA DONNA. Bright rose pink.

4044 RED ENSIGN. Large single plain edged flowers of deepest scarlet red. Plants very dwarf and compact. 12 to 15 in.

4060 SCARLET LUSTRE. Brilliant scarlet-red high lighted by a rich yellow throat.

4053 SERENADE. Velvety dark blue, cream-white stamens for contrast.

4080 TANGO. Deep salmon shading to scarlet salmon nearer throat.

Each of the above: Pkt., 50c.

F-1 Bedding Varieties (Multiflora)

Flowers of good size freely produced on compact bushy plants, providing a wealth of bloom throughout the season. 15 in.

4014 COMANCHE Improved. Deep scarlet red. **Illustrated in color on page 56.**

4035 CORAL SATIN. All America Bronze Medal 1961. Masses of coral-rose bloom cover the compact plants. **Illustrated in color on page 56.** 12 to 15 in.

4036 DAWN SATIN. Soft light pink, a most delicate color tone. Compact habit and soft color tone combine to make this an outstanding Petunia. **Illustrated in color on page 56.**

4029 GLITTERS. Rich Fire Chief red background with distinct white stripe.

4010 LINDA. An improved Silver Medal. Rich salmon-pink.

4016 PALEFACE. Pure white.

4034 PINK SATIN. Brilliant rose pink.

4028 RED SATIN. Vivid, shining scarlet-red.

4012 SATELLITE. Bright rose with perfect white star.

4088 SUGAR PLUM. Bright orchid pink, pencilled and shaded rich orchid-purple. **Illustrated in color on page 56.**

4018 VENUS. Clear rose pink. 15 in.

Each of above: Pkt., 50c.

4076 Petunia Fluffy Ruffles. Pkt., 35c

Petunias

LARGE BEDDING SINGLES

Very large single blooms, some with ruffled and fringed petals, others with plain edge. The large showy flowers and free flowering quality make them garden favorites. 12 to 20 in.

PLAIN EDGE—Single

4055 SNOWSTORM. Glistening white flowers with faint yellow throat. Large blooms, 4 to 5 inches across, freely produced over a long season. Pkt., **35c.**

FRINGED—Single

4076 FLUFFY RUFFLES MIXED. So ruffled and fringed are the flowers they create the appearance of doubleness. Large flowers with a well-defined contrasting throat. A balanced color range that includes pink, salmon, deep rose, crimson, dark blue and white. **Illustrated in color on page 55.** Pkt., **35c.**

DWARF SINGLE PETUNIAS

The best known and most generally used of all Petunia types. Plants are dwarf and compact. Extremely free flowering. The plants are literally covered with medium size blooms averaging 1½ to 2½ inches across. 12 to 15 inches in height, with a plant spread of 1½ to 2 ft.

3996 ADMIRAL. Clear dark blue. Excels all others. Pkt., **35c.**

4017 CELESTIAL ROSE. A beautiful rich satiny rose. Pkt., **25c.**

3997 FIRE CHIEF. All America Gold Medal 1950. An intense pure red which develops its greatest brilliance in a cool sunny location. Pkt., **25c.**

4005 IMPROVED ROSY MORN. The popular clear pink bedding variety. Compact growth, and free flowering. Pkt., **15c.**

4024 SKY CHIEF. A soft pale blue showing resistance to fading under hot weather conditions. Pkt., **25c.**

4020 SNOWBALL IMPROVED. Pure white blooms borne in great profusion over a long season. Pkt., **25c.**

4025 VAUGHAN'S SPECIAL MIXTURE. Includes all the varieties listed and many others, and will be a revelation to those who plant a packet in furnishing an unending supply of flowers in a most bewildering combination of colors. ⅛ oz. **$1.50;** 1/16 oz., **85c;** pkt., **25c.**

A GARDEN OF PETUNIAS

To brighten up an otherwise dull corner in the garden, we suggest a planting of Single Dwarf Petunias. Coming into flower early, they will provide color until cut down by the late frosts of Autumn. Includes such popular varieties as Celestial Rose, Violet Queen, King Henry, Glow and Snowball Improved.

3985 1 pkt. each 5 Varieties for **$1.00.**

Annuals for Cutting

1400 The forty or more varieties in this blend are chosen for their value as cut flowers. They are the long stemmed brightly colored flowers that go so well in vases and baskets. This will produce a glorious variety of flowers for cutting. We suggest planting in rows in the vegetable garden where the plants may be cultivated. For a continued succession of bloom, make two sowings, the first in early spring just as soon as the soil can be worked and a second when late tulips are in flower and peony buds showing color. 1 oz., **60c;** ½ oz., **40c;** pkt., **25c.**

Phlox, the Gayest Annual

Phlox

ANNUAL: A most effective annual with brilliantly colored flowers produced in great abundance. Blooms continuously throughout the season.

LOCATION: For bedding, window boxes, rock gardens and cutting, there is nothing finer than the Phlox with its trusses of vivid flowers and wide range of color. In full bloom from July until October.

SOW SEED: Plant seed outdoors after all danger of frost is past. Cover to a depth of ⅛ inch with fine soil. When seedlings are large enough to handle, thin or transplant to about 6 inches apart. Does well in any ordinary garden soil and a sunny well-drained location. Seed germinates in 20 days.

Colorful Mixtures

4175 CUSPIDATA OR STAR MIXED. Quaint and unusual flower formation. 1 ft. Pkt., **25c.**

4207 GLOBE MIXED. The completely full plants are globe or dome shaped. Base branching, they retain the fine uniform habit of a solid mound of bloom throughout the season. A well balanced range of color. Very showy. 6 to 8 in. Pkt., **25c.**

4103 GIGANTEA ART SHADES. A strain with flowers 1½ inches in diameter, in a remarkable variety of soft color tones, which blend delightfully. 1 ft. Pkt., **25c.**

4220 DRUMMONDI VAUGHAN'S SPECIAL ANNUAL MIXTURE. Contains all the Grandiflora varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. **Illustrated in color on page 56.** ¼ oz., **$1.20;** ⅛ oz., **75c.;** pkt., **25c.**

Giant Tetraploid Annual Phlox

4190 GLAMOUR. All America Bronze Medal, 1960. With all the exceptional size and vigor of a tetraploid, Glamour is a vigorous, uniform free-flowering annual phlox of salmon pink with a deeper eye. Flowers are 1¾ inches across on 12 inch plants. Pkt., **50c.**

8345 Physalis Franchetti. Pkt., 15c

Physalis Franchetti

PERENNIAL **8345 CHINESE LANTERN PLANT.** 1½ ft. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese Lanterns, useful in winter bouquets. Seeds germinate in 3 to 4 weeks. Pkt., **15c.**

Physostegia

(False Dragonhead)

PERENNIAL **8248 VIRGINICA.** Deep rose flowers in close compact sizes. Seeds germinate in 3 to 4 weeks. Pkt., **25c.**

For your convenience, we have included in our alphabetical listing those varieties especially recommended for Home Greenhouse and House Plants. They are marked.....

Largest Flowering Dwarf Phlox

Beauty Phlox has the largest flowers of any. It grows round compact bushes 6 to 8 in. in height, covered with large blooms which are almost twice the size of the older strains. The colors are clear and soft, many pure self colors. Sow the seeds directly where they are to grow.

4166 BLUE BEAUTY 4170 SALMON BEAUTY
4169 PINK BEAUTY 4171 SCARLET BEAUTY
4173 WHITE BEAUTY

4174 BEAUTY MIXED. A formula blend

Each of the above, pkt., 25c.

Dwarf Stars

4180 TWINKLE DWARF STAR MIXED. (ALL AMERICA BRONZE MEDAL 1957) This name just fits these little flowers, which cover plants that grow 8 inches high and are slightly flattened on top. The tiny flowers have pointed petals, some zoned with contrasting colors, others with colorful eyes. Colors range from light pink through salmon, rose, rose-pink, mauve, white, wine-red, cerise and crimson in dazzling combinations. This is a flower for edging beds and borders, or planting in masses in front of taller beauties. It decorates pots and window boxes brilliantly. **Illustrated in color on page 56.** Pkt., **25c.**

Phlox Seed

PERENNIAL For best germination results, we recommend over-winter freezing. Sow seed outside in Fall and it will germinate in Spring. It can also be refrigerated for one month and then sown. Very slow to germinate.

8340 DECUSSATA MIXED. 2-3 ft. This mixture comes from a superior collection of large-flowering sorts. Perennial Phlox do not come true from seed and can be had only in mixture. Pkt., **25c.**

8360 Platycodon Grandflorum Blue. Pkt., 15c

Platycodon

(Chinese Bell Flower)

PERENNIAL They resemble Campanulas, with dainty bell flowers on graceful stems. They flower from June to September. Seeds germinate in 2 to 3 weeks.

8360 GRANDIFLORUM. 2-3 ft. Large handsome deep blue flowers. Pkt., **15c.**

8365 —ALBUM. White. Pkt., **15c.**

8370 MARIESII BLUE. 1 ft. Deep blue dwarf. Pkt., **15c.**

Polemonium

(Jacob's Ladder)

PERENNIAL **8380 COERULEUM** (Greek Valerian). 2 ft. Beautiful sky-blue flowers with golden anthers. June-July. Foliage fern-like. Seeds germinate in 2 to 3 weeks. Pkt., **15c.**

8380 Polemonium Coeruleum. Pkt., 15c

Shirley Poppies

ANNUAL: A hardy frost-defying annual blooming quickly and easily from seed. A showy graceful flower with large silky blooms.

LOCATION: For mass effect in the garden, no flower will give a more brilliant display. In flower from June to October.

SOW SEED: Seed should be sown outdoors where plants are to bloom. Does not transplant well. Thin to 8 inches apart when plants are 2 to 3 inches tall. For a more even distribution of seed, recommend mixing with an equal amount of fine dry sand and then make your sowing. Successive seedings should be made to insure continuous bloom. Seed germinates in 10 to 14 days.

4370 VAUGHAN'S SPECIAL MIXTURE. Shirley Poppies. Lovely and dainty tints, many edged and blended with other colors. 2 ft. ¼ oz., **55c;** pkt., **25c.**

4277 AMERICAN LEGION. A dazzling orange-scarlet of enormous size. 2 ft. Pkt., **15c.**

4238 DOUBLE BEGONIA FLOWERED SWEET BRIAR. A delightful shade of deep rose-pink. 1½ to 2 ft. Pkt., **15c.**

Iceland Poppies

PAPAVER Nudicaule 12 to 18 in.

PERENNIAL Cool moist soil is necessary, and light shade preferred. Hardy perennials, they bloom first year from seed. Seed germinates in 1 to 2 weeks.

8293 EMPEROR. 18–22 in. Finest giant orange of new form, with over-lapping fluted petals giving effect of semi-doubleness. Pkt., **25c.**

8275 GIANT HYBRID MIXED. Large flowers, sturdy stem and a wide range of color make this the finest of the Nudicaule color blends. Pkt., **25c.**

Oriental Poppies

PAPAVER Orientale 3 ft. May-June

PERENNIAL These gorgeous spring flowers, often six inches across of vivid coloring, may be left undisturbed for years. The named varieties of Oriental Poppies do not come entirely true from seed. Seed germinates in 1 to 2 weeks.

8307 BEAUTY OF LIVERMORE. Crimson. Pkt., **25c.**

8305 PRINCESS VICTORIA LOUISE. Lilac-rose. Pkt., **15c.**

8310 RED (SCARLET). Deep crimson, large flowers. Pkt., **15c.**

8313 ORIENTALE HYBRIDS MIXED. Our own formula blend which includes seeds of the newer named sorts. Lovely pinks, rose and white. Pkt., **25c.**

BETTER HOMES & GARDENS GARDEN BOOK. Edited by Fleeta Brownell Woodroffe. Now you can get down-to-earth on all phases of gardening, landscaping, and lawn care, from Better Homes & Gardens editors. You'll see how to use every square foot of space for beauty and privacy, how to grow beautiful flowers, prize winning fruits and vegetables, how to make your lawn velvety green.

Lavishly illustrated in full color. 520 pages, 1,500 photos, charts, drawings. Chapters tab indexed for quick reference. Convenient loose-leaf ring binder. A new idea in garden books. $3.95. $4.15 postpaid.

8418 Primula Veris Giant Bouquet. Pkt., 25c

Primula

PERENNIAL There is a growing appreciation of the beauty of the amazingly varied Primrose family. Blossoming in April and May, their brilliant colors have few rivals in plantings along shady paths or in the rock garden. Germination time in this group will vary. May require from 3 to 6 weeks. Do not allow seed bed to dry out.

8406 AURICULA, MONARCH STRAIN MIXED. A fine exhibition strain. Wonderful markings on perfectly formed flowers. Pkt., **25c.**

8411 JAPONICA MIXED. Towering sprays of beauty. Colors range through white, rose, pink, crimson, mauve and lavender, bright crimson, orange eye. Pkt., **25c.**

8424 VULGARIS (ENGLISH PRIMROSE). Pale yellow for wild gardens. Pkt., **25c.**

Polyantha Type (Bunch Primrose)

These are showy, cluster-flowered, of exceptional size, thriving in rich, moist soil.

8418 VERIS GIANT BOUQUET MIXED. (AWARD OF MERIT WISLEY TRIALS 1952). An extra choice strain with large flowers and long stems, in a wide range of color. Pkt., **25c.**

8420 —COLOSSEA MIXED. (HIGHLY COMMENDED. WISLEY TRIALS 1952.) The large heads of florets are borne on stiff stalks in new shades of lilac, pink, copper as well as the darkest red. **Illustrated in color on page 44.** Pkt., **35c.**

Pacific Strain Polyanthus Primroses

The hardiest and easiest of the Primrose family to grow. This new strain represents the work of many years; long stems, large flowers and flower heads in a wide range of clear bright colors.

8425 BLUE SHADES
8426 WHITE
8427 PINK SHADES
8428 SCARLET AND BRIGHT RED
8429 ROSE SHADES
8430 YELLOW AND BRONZE SHADES
8431 MIXED. Our own blend which includes all the above.

Each the above 7: Pkt., **50c.**

Primula

4465 CHINESE VAUGHAN'S INTERNATIONAL MIXTURE. Our mixture contains all the choicest colors of the single-flowering Primulas in all their dainty shades. Seed germinates in 3 to 4 weeks. 12 in. Pkt., **75c.**

NEW GIANT MALACOIDES—16 In.

Sow seed in May to July and small plants are ready to pot in July to September. Seed germinates in 2 to 3 weeks, at a temperature range of 68 to 80 degrees.

4477 MALACOIDES MIXED. Large flowers on long heavy stems. Upright growing plants. Very free flowering. Pkt., **35c.**

PRIMULA OBCONICA GRANDIFLORA

Seed may be sown from January to April and will germinate under normal conditions in 3 to 4 weeks. When small seedlings are large enough to handle remove to small pots and later shift to larger ones as plant size increases. Winter over in the greenhouse.

4495 OBCONICA GRANDIFLORA MIXED. Range of color includes red, rose, blue and white. Pkt., **35c.**

4496 GIGANTEA WYASTON WONDER CRIMSON. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant. Pkt., **50c.**

8438 Pyrethrum Robinson Hybrids, Pkt., 25c.

Pyrethrum Roseum

(Painted Daisy)

PERENNIAL Their large flowers, well-named Painted Daisies, blossom with the tall Iris, and continue through June. A second crop will come if the first growth is cut back. They are easily grown from seeds, which germinate in 1 to 2 weeks. 1 to 2 ft.

SOW SEED: Sow outdoors after danger from frost is past. Sow thinly and not more than ⅛ inch deep. A good method is to sow seed on top of soil and press in firmly with a board. When plants are large enough to handle, 2 to 3 inches tall, transplant or thin allowing sufficient space for plant development.

8433 DOUBLE MIXED. Pkt., **35c.**
A certain per cent of the above will be single.

8438 ROBINSON'S HYBRIDS. A very fine strain developed by an English specialist. Large daisy-like flowers in rich shades of pink, rose and red, are borne on long stiff stems. Excellent for cutting. Seed germinates in about 21 days. 2 ft. **Illustrated in color on page 54.** Pkt., **25c.**

8438A ROBINSON'S CRIMSON. The best red. Pkt., **25c.**

8439 ROBINSON'S ROSE. Extra large flower. Pkt., **25c.**

Portulaca

Moss Rose for Hot Dry Places

ANNUAL: An annual of dwarf spreading habit with fleshy, needle-like leaves. The beautiful dainty flowers with their glossy petals come in a wide range of rich brilliant colors.

LOCATION: Plants will thrive in poor soils providing they have a warm, dry, sunny position. Useful for edgings, rock gardens, between stepping stones or in solid masses or beds.

CAUTION: Portulaca flowers must have sunshine, otherwise they will not open fully.

SOW SEED: Plant seed outdoors after danger of frost is past. Seed is very fine so care must be taken not to sow too deeply. For more even distribution, we suggest mixing an equal amount of fine dry sand with seed and then make your sowing. When small plants are 1 to 2 inches tall, they should be thinned or transplanted to 9 inches apart. The fully developed plant does not require watering except during prolonged drought. Seed germinates in 14 to 20 days.

4455 DOUBLE BEST MIXED. The full-double flowers of good size resemble miniature roses. An exceptional range of color including newest tones of red, orange, lavender and yellow. **Illustrated in color on page 54.** 4 to 6 inches.
¼ oz., **$1.75;** ⅛ oz., **$1.00;** pkt., **25c.**

4426 SINGLE JEWEL. Flowers of a brilliant deep rose tone, four times as large as the average single Portulaca flower. Very free flowering. 4 to 6 inches. Pkt., **25c.**

4430 SINGLE MIXED. Cup-shaped flowers in a range of brilliant colors will provide bloom over a long season. 4 to 6 inches. ¼ oz., **$1.20;** ⅛ oz., **70c;** pkt., **25c.**

Germination times as given are approximate. Much depends on soil and weather conditions.

Ranunculus

PERENNIAL **8451 ASIATICUS (GIANT DOUBLE HYBRIDS).** A particularly fine strain of double large flowered hybrids in sulphur yellow, golden yellow, scarlet, crimson, lilac and many other shades. Can be planted in the garden in earliest Spring. Seeds germinate in 1 to 4 weeks. Pkt., **25c.**

Ricinus (Castor Bean)

ANNUAL: Large tropical plants grown for their ornamental foliage. Red and green leaves of immense size.

LOCATION: As a background plant, grown singly or in a mass, the effect is striking. Due to plant height, may require some staking to prevent damage from strong winds.

SOW SEED: Sow seed in the Spring as soon as soil and weather permit. Cover seed to a depth of 1 inch, thin plants to 24 inches apart when 3 inches tall. May also be started indoors in February and March and plants set out in early June. Water as needed by soaking ground around plants. Likes heat. Seed germinates in 14 to 21 days.

CAUTION: Seeds of the **Castor Bean** (Ricinus) are poisonous and every care should be taken to keep them away from children.

4560 ZANZIBAR MIXED. The ornamental leaves, beautifully lobed, are 2½ to 4 ft. across. Each plant a perfect pyramid. 10 to 12 ft. ½ oz., **30c;** pkt., **15c.**

Baby Roses
Easily grown from Seed

PERENNIAL **8452 THE BABY ROSE.** Multitudes of tiny roses in varied lovely colorings, but largely in white, blush or delicate pink. Flowers single to fully double. More or less everblooming. Quick from seed, and from earliest spring sowings, plants will be in flower by June, midgets but nine inches high. Pkt., **25c.**

8462 Rudbeckia Purpurea, Pkt., 15c.

Rudbeckia (Cone Flower)

PERENNIAL Seeds germinate in 2 to 3 weeks. **8462 PURPUREA.** Reddish purple flowers, large brown cone-shaped center. July to Oct. 2-3 ft. Pkt., **15c.**

African Violets
SAINTPAULIAS

Interesting and attractive house plants with a long season of bloom; the leaves of which form a cushion from which arise the bright violet-like flowers. Requires comparatively little light and may be grown quite successfully in a north window. Does best at a temperature ranging from 68 to 70 degrees during the day and 60 to 62 at night. Water by placing pot in pan of water until soil surface has become moist. Avoid water on the leaf which might cause rotting.

4589 NEW HYBRIDS. Flowers are varied shades of blue, lilac and pink. Compact plants with leaves of dark green. Pkt., **50c.**

4753 Schizanthus Vaughan's Dwarf Masterpiece Pkt., 50c

Salvia — Scarlet Sage

ANNUAL: Spikes of dazzling scarlet flowers in great profusion from Mid-Summer until late Fall. One of the most stunning and brilliantly colored of all garden flowers.

LOCATION: Wide variation in bloom-time and height increases the Salvia in importance for use in garden border as well as in backgrounds. Prefers rich, well drained soil and a sunny location.

SOW SEED: Sow seed early. Since Salvia is slow and erratic to germinate, this should be done in January and February, providing a fairly warm temperature can be maintained. Otherwise this inside sowing should not be made until March. Use fine soil, cover seed to a depth of ⅛ inch, well pressed down. Thin or transplant to 12 inches apart when plants are 2 inches tall. Transplant to open ground 1 to 1½ ft. apart in late May or early June, or as soon as danger of frost is past. Seed germinates in 15 to 20 days.

4669 ST. JOHN'S FIRE. The most popular of the early flowering strains. Spires of scarlet stand densely and rigidly above the bright green foliage. In flower from late June. A popular strain for edging and borders. 13 in. **See color illustration on page 54.** Pkt., **25c.**

4640 AMERICA (Globe of Fire). A free continuous bloomer of uniform compact habit. The finest Salvia for bedding or ribbon planting. In flower from mid to late July. 18 in. Pkt., **25c.**

4655 BONFIRE (Clara Bedman). Erect habit, brilliant scarlet-red spikes and dark green foliage make this the ideal Salvia for backgrounds. Most effective when used with white. In flower from mid to late July. 25 in. Pkt., **25c.**

4656 CORAL PINK. A rich coral pink that blends with other colors. Much used where there is an objection to the vivid scarlet tones. Flowers in mid-August. 16 in. Pkt., **25c.**

Blue Salvia

There is an increased interest in this attractive Wedgewood-blue Salvia. An attractive background and border plant with good stems for cutting.

4683 FARINACEA BLUE BEDDER. Rich blue with an overtone of silver. Most effective as a foil for Pink Petunias. Handle as you do the red varieties. An early bloomer, can be had in flower by late June. **Illustrated in color on page 54.** 2½ to 3 ft. Pkt., **25c.**

Salvia

PERENNIAL **8480 PATENS.** 2 ft. Large, rich deep blue. Flowers in September. Roots can be wintered in cellar. Seeds germinate in 2 to 3 weeks. Pkt., **25c.**

Schizanthus
POORMAN'S ORCHID

Beautiful bushy plants covered with dainty flowers handsomely marked with contrasting colors. Seeds germinate in 20 days.

4756 MONARCH STRAIN. This is the brightest mixture of rose and appleblossom pink, salmon, crimson, deep violet purple and many indescribable variations. All are heavily veined in gold. Pkt., **25c.**

4753 VAUGHAN'S DWARF "MASTERPIECE." Plants are dwarf and compact. The flowers are of good size, ranging from light pink and rose to a pleasing dark violet, all with conspicuous blotches. Pkt., **50c.**

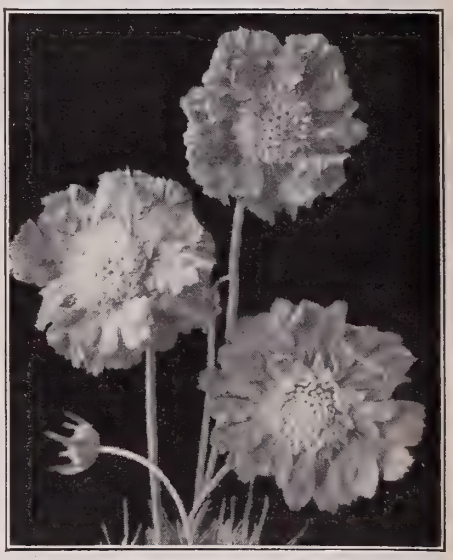
Salpiglossis

ANNUAL: The Salpiglossis is a Chilean plant which must be ranked as one of our finest Annuals. Its trumpet-shaped flowers are remarkable for brilliancy of color which is further enhanced by beautiful veining and pencilling in rich contrasting colors. Easily raised from seed and extremely free flowering.

LOCATION: A brilliant mass of color in the border, desirable for bedding and excellent for cutting. Prefers rich soil, a sunny location and is at its best when weather is cool. In flower from Mid-Summer to frost.

SOW SEED: Sow indoors in fine soil to a depth of 1/16 inch. Seed may also be sown outdoors to the same depth after frost danger is past. Thin indoors to 3 to 4 inches apart when plants are 2 inches tall and transplant or thin outdoors to 12 inches apart. Seed germinates in 2 weeks.

4630 BOLERO MIXED (F-2). A new strain outstanding for flower size, vigor of growth and wide range of color. A profuse bloomer. Pkt., **25c.**



8494A Scabiosa Caucasica Vaughan's Special Mixture, Pkt., 25c.

Sweet Scabiosas

ANNUAL: A delicately fragrant annual originating in the South of Europe that has been greatly improved over the years, not only as to flower size and type but color range, as well. The large double flowers are borne in great profusion on long stems adding to their value as cutflowers. In bloom from Mid-Summer until killing frost.

LOCATION: Doing well in almost any garden soil, they prefer a sunny position. In addition to their value as a cutflower, they make excellent border plants.

SOW SEED: Sow seed outdoors to a depth of ¼ inch when danger from frost is past. For earlier bloom sow indoors to the same depth in March or April to be transplanted to garden. Transplant or thin to 12 inches apart outdoors when plants are 3 inches tall. If sown indoors, transplant or thin to 3 inches apart when plants are 2 inches tall, to be transplanted to garden when weather permits. Seed germinates in 2 to 3 weeks.

SUPER CROWN IMPERIAL GIANTS

We offer only the new large-flowered varieties. Deep cone-shaped flower with broad frilled petals. 4 ft.

4731 BLUE MOON. Sky-blue tinged with lavender. Pkt., **25c.**

4717 CORAL PINK. Medium to deep salmon, clear and brilliant. Pkt., **25c.**

4734 SILVER MOON. Broad frilled petals of purest paper white. Pkt., **25c.**

4735 SUPER CROWN IMPERIAL GIANT MIXED. A complete range of color which includes white, salmon, coral, rose and red, also the various tones in blue. **We have illustrated this in color on page 56.** Pkt., **25c.**

Scabiosa

PERENNIAL Seed germinates in 2 to 3 weeks. **8490 CAUCASICA PERFECTA.** 18 in. Light blue flowers prettily fringed on long stems. Pkt., **15c.**

8491 —ALBA. Pure white comes true. Pkt., **25c.**

8494A —VAUGHAN'S SPECIAL MIXTURE. Large fringed and ruffled flowers from lavender to dark blue; some pure white. Pkt., **25c.**

8492 —HOUSE'S NEW GIANT HYBRIDS. 18 in. June-Oct. Large flowers in various shades of lavender. Pkt., **25c.**

New Garden "Snaps"

ANNUAL: The Snapdragon continues to be one of the favorite garden annuals. Huge graceful spikes of gorgeous individual florets in colors that are rich and clear.

LOCATION: Unsurpassed for a mass effect in beds or borders and as a cutflower. Lovely blooms on long stems are available from June until October. Doing well in either full sun or partial shade, in a well drained but not dry location. Lends itself to use in areas frequently avoided by other annuals.

SOW SEED: Make seed sowing indoors in February or March using fine soil and plant to a depth of 1/16 inch. Thin or transplant indoors when the plants are 1 to 2 inches tall, setting plants 3 inches apart. Plant outdoors, 1 to 2 ft. apart, when frost danger is past. Seeding may be made directly outdoors when frost danger is past. However, an inside start will insure earlier flowers. Seed germinates in 20 days.

SNAPDRAGON RUST: A fungus attacks the underside of leaves and stems covering them with a mass of brown colored spores. While there may be evidence of disease as early as June, worst attacks are usually later in the season.

CONTROL: Where this disease has occurred, do not allow plants to remain in area over-winter, since they provide a source of infection to seedlings of the following Spring. Use of a copper-containing spray, such as Bordeaux, will give partial protection. However, this should be repeated five or six times during the season. Where disease is prevalent, we recommend growing Rust Resistant varieties.

TETRA SNAPDRAGONS

These unique flowers were created by science with an amazing treatment which changed the cell structure of the plants. "Tetra-snaps" are probably the most conspicuous success this method has so far attained.

Every merit which snapdragons have as a garden flower is magnified. They have greater vigor, a longer flowering season, darker green, glossier foliage, stronger stems, and their flowers have more and larger florets, with ruffled petals and brighter colors.

433 CANDLELIGHT. Clear bright yellow.
438 CRIMSON. A deep yet bright velvety crimson.
429 ORCHID. Rich orchid-purple with yellow blotch.
435 SHADES OF ROSE AND PINK. Ranging from lightest pink to the deeper tones of rose. Especially fine for the cutting garden.
430 WHITE. Creamy white changing to pure white as flower ages. The primrose throat adds to the attractiveness of the large beautifully formed flowers.

Each of the above, pkt., 25c.

ROCKET SNAPDRAGONS (F-1).

Long spikes of evenly spaced florets. Good colors. 2½ to 3 ft.

322 RED **323 ROSE** **324 ORCHID**
325 BRONZE **326 GOLD** **327 WHITE**
321 PINK.
328 MIXED. (We have **pelletized the mixture** for your convenience. **See color illustration on page 62).**

Each of the above 8 pkts., 50c.

319 VANGUARD (F-1). Long spikes of double flowers, cerise-rose edged with yellow. **Illustrated in color on page 61.** 2 ft. Pkt., **$1.00.**

SNAPDRAGONS—F-2

358 MASTER BLEND.® Blended from color lines of F-1 hybrid varieties, our "Master Blend" combines large individual florets, long strong spikes, earliness and freedom of bloom with a depth of color tone not previously found in "Snaps". Included in this mixture are many unknown colors and color combinations from the workshop of a noted specialist. 2 ft. **See color illustration on page 61.** Pkt., **35c.**
358a MASTER BLEND (F-2). **Pelletized seed.** Pkt., **35c.**
441 PANORAMA MIXED. Robust, healthy, free-blooming plants, large individual florets, long spikes. A most complete range of color. 24 to 32 in. Pkt., **25c.**

MINIATURE SNAPDRAGONS

A delightful strain forming compact tufts 4 to 6 inches high, covered with miniature flowers. Excellent for rockeries, small beds and edgings.

432 MAGIC CARPET. Rich color tones in a wide range of soft and pleasing colors. The almost creeping habit of the plant, small flowers so freely produced, giving a dainty pleasing effect, make it ideal for the rock garden. 1/16 oz., **65c;** Pkt., **25c.**

RUST RESISTANT 7 BEST COLORS

Popular demand and the result of checks made at our Trials, prove these the best colors for the Home Garden. 2½ ft.

317 CHERRY ROSE. Brilliant deep cherry rose. An outstanding new color.
336 ROSALIE. Rich deep rose with an underlying tone of topaz or amber.
341 ALASKA. The finest pure white.
343B CAMPFIRE. Pure luminous scarlet.
344 CANARY YELLOW.
346 LOVELINESS. Pure soft rose-pink.
353 PINK SENSATION. Pure pink, frilled flowers.

Each of the above, pkt., 25c; 3 pkts., 65c.

425 VAUGHAN'S SPECIAL MIXTURE OF TALL SNAPDRAGONS. (Antirrhinum). Includes all the Tall Rust Resistant varieties listed, and others bought especially for it, providing a never ending color feast of long stemmed flowers. 1/16 oz., **60c.** Pkt., **25c.**

SNAPDRAGON
For Greenhouse Forcing.

Seed germinates in 1 to 2 weeks. Prefer a cool temperature and thrive best at 54 degrees, slightly higher under daytime conditions. For Autumn or Early Winter bloom, make your seed sowing in early June and carry plants over in flats or pots until August or September. For later bloom, seed sowing should be made in late August. The plants resulting from such a sowing are ready to be set into place in late November and will provide luxuriant bloom throughout early spring months. Avoid watering the Snapdragon foliage—as precaution against rust.

The varieties listed have been selected for their adaptability to greenhouse growing where they will provide cutflowers over a long period.

BRONZE
365 BRONZE FLARE. Medium bronze yellow lip.
367 GALLANT FOX. Deep orange-bronze.

LAVENDER
415 WINDMILLER LILAC. A true orchid.

RED
411 PRISCILLA ANN. Velvety-crimson florets. At times a faint touch of yellow is noted on the lip.
373 MAN-O-WAR. Copper-red with yellow lip.
375 TENNESSEE. Really deep red. Combines well with the bronze tones.

ROSE AND PINK SHADES
377 CHRISTINA. Medium-light pink.
382 PINK FLARE. Clear medium pink.
369 LIBBY. Good sized flowers of dark rose-pink.

WHITE
397 MARGARET. Ivory white.
416 WHITE FLARE. Large florets of purest white.

YELLOW
390 YELLOW FLARE. A medium yellow of good growth, good sized flower head, long heavy stem.
384 PATRICIA. Rich yellow with full deep yellow lower lip.

EACH OF THE ABOVE. Pkt., **75c.**

426 VAUGHAN'S RAINBOW MIXTURE F-1 HYBRID SNAPDRAGONS. Because of their hybrid vigor, this mixture is especially well adapted to the needs of the home gardener. Grow it on in your home greenhouse for cutflowers during the winter months, or plant outside in your garden in Spring, where it does equally well and adds an important range of color to your bouquet material. The florets are large, the stems long and strong, coming into bloom early and lasting well into the early Fall. Pkt., **75c.**

Sensitive Plant

ANNUAL:

3270 MIMOSA. 1 ft. A pretty and curious foliage plant with leaves like those of the Acacia. They are very sensitive and close up immediately if touched or shaken. Flowers like pink fluffy balls. Seeds germinate in 10 days. Pkt., **15c.**

Irish Shamrock

ANNUAL: 4761 This is the true Irish strain. Started in a sunny window in January or February it will produce sturdy plants by St. Patrick's Day. A species of clover. Pkt., **15c.**

Solanum

Attractive bright fruits ranging from green to creamy-white and red. Most unusual and interesting. Seeds germinate in 2 to 3 weeks, at a minimum temperature of 68° and maximum of 86°.

4779 VAUGHAN'S CANDLE PEPPER. The peppers, which are one inch long and decidedly pointed, are creamy-yellow changing to red, producing a striking candle effect. The tapered peppers grow upright, giving a dainty and unusual effect. Pkt., **50c.**
4774 CHRISTMAS CHERRY IMPROVED. Uniform bushy plant on which large round red fruit is freely produced. Pkt., **25c.**

Sky Blue Star Flower

ANNUAL: 4825 THE SOUTHERN STAR (OXYPETALUM COERULEUM.) Star-shaped flowers measuring 1 in. are borne in long loose sprays. The blue blossoms, veined or penciled with silver, face upward. Sow in early April, it flowers from June until cut down by frost. Pkt., **25c.**

Statice
(Sea Lavender)

ANNUAL: 4806 NEW HYBRIDS (Sinuata). A blend of Art Shades, delicate tones of rose, pink, blue, violet, yellow and white with a few deeper violets for contrast. Since it is almost impossible to separate seed from the dried flowers, before sowing break the little flower clump and sow on the side. Seeds germinate in 2 to 3 weeks. 2 ft. Pkt., **25c.**

Statice

PERENNIAL **8520 LATIFOLIA.** 2 ft. Dense branching plumes of deep blue flowers. Seed germinates in 2-4 weeks. Pkt., **15c.**

Colorful Stocks

ANNUAL: One of the finest of annuals. Ease of culture, delicate fragrance and doubleness of bloom combine with brilliance of color tone to make this a garden favorite. Primarily a cool temperature crop, the picture has changed with the recent introduction of the Trysomic 7 Weeks Strain which shows great resistance to heat, particularly under conditions found in our Middle West.

LOCATION: Brilliant colors make it suitable for bedding, borders and as a cutflower.

SOW SEED: Plant seed outdoors after danger of frost is past or earlier indoors. Cover seed to a depth of 1/8 inch with fine soil. When large enough to handle, indoor grown seedlings should be thinned or transplanted 2 inches apart for setting out in the garden later. Outdoor grown seedlings should be thinned to 10 inches apart in rows or beds. The Stocks like well enriched soil and if flowers are kept picked blooming season can be prolonged. Seed germinates in 1 to 2 weeks.

4930 TRYSOMIC 7 WEEKS MIXED. A dwarf early flowering strain in a brilliant color range that shows great resistance to hot weather. Flowered for three years in our own trials, it bloomed from late June on, despite heat and drought. 18 in. **Illustrated in color on page 62.** Pkt., **25c.**
4949 BISMARCK (GIANT IMPERIAL) MIXED. Sturdy flower spikes in soft colors of an exceptional tone range. A cool temperature strain. 2½ ft. Pkt., **15c.**

Stocks

Since heat creates a tendency to blindness, Stocks should be grown cool. Recommend maximum night temperature of 50 degrees for best results.

4981 TRYSOMIC GIANT IMPERIAL MIXED. Of branching habit, this new strain comes 85% or more full-double from seed. The young single seedlings are noticeably weaker at the four-leaf seedling stage making it possible to remove them and so increase the percentage of double flowers. A well-balanced color range. Pkt., **50c.**

NON-BRANCHING COLUMN

These produce one stem, 2½ ft. high, thickly set with large double flowers.

4952 GARDENIA. Glistening white, Pkt., **50c.**
4956 SILVERY LILAC. Lilac lavender. Pkt., **50c.**
4958 MIXED. A specially prepared formula which includes the above and others. Pkt., **50c.**

Everlastings (Strawflowers)

ANNUAL: With the increased interest in flowers for Winter Bouquets, we call attention to a number of these offered in our catalog. Such items as Acroclinium, Bell of Ireland, Ornamental Cotton, Helichrysum, Salvia Blue Bedder, and Celosia.

2440 EVERLASTINGS MIXED. Our own formula blend includes the above and others. Pkt., **25c.**

Stokesia
(Stokes' Aster)

PERENNIAL Large flowers, resembling a single Aster. Seeds germinate in 4 to 6 weeks.

8525 CYANEA. 18 in July-Oct. Flowers rich blue. Pkt., **15c.**

Alpine Strawberry

ANNUAL: 4828 BARON SOLEMACHER. A novelty variety with large berries. Of the runnerless or Alpine type. Flowers in eight weeks from seed and produces quantities of fruit. The berries are sweet and extremely fragrant. **Color illustration on page 61.** Pkt., **25c.**

Annual Sunflowers
(Helianthus)

ANNUAL: A sturdy upright annual of easy growth that needs no special introduction. Brilliant blooms in a range of vivid color.

LOCATION: Valuable as a background plant and for forming screens. The dwarf strains provide quantities of cutflowers in late Summer and Autumn. Give an open position with a maximum of sun.

SOW SEED: Sow outdoors ¼ to ½ inch deep in fine soil when danger from frost is past. Transplant or thin to 2 ft. apart when 3 to 4 inches tall. Seed germinates in 2 weeks.

2713 SUN GOLD. Full-double blooms of golden yellow. Flowers in 70 days after sowing. 4 ft. Pkt., **15c.**

2725 RUSSIAN MAMMOTH. A favorite in our Grandmother's garden. 8 ft. ¼ lb., **45c;** Pkt., **25c.**

2760 VAUGHAN'S SPECIAL MIXTURE. Includes the above and others. ½ oz., **25c;** pkt., **15c.**

Streptocarpus
(CAPE PRIMROSE)

4993 WIESMOOR HYBRIDS. The flowers are well fringed and crested, 4 to 5 inches across. The leaves are small; the color range is most complete, pink, in all its shades and variations, deepest red, blue shades and white with dark blotches. Free flowering. Long wiry stems. An excellent pot plant for winter blooming. Seeds germinate in 2 to 3 weeks. Pkt., **$1.00.**

Thalictrum
(Meadow Rue)

PERENNIAL The feathery flowers of the Thalictrums are decorative and interesting. They grow easily from seed, germinating in 4 to 6 weeks.

8541 AQUILEGIFOLIUM MIXED. Graceful foliage, mixed colors. 3 ft. Pkt., **25c.**

Thermopsis

PERENNIAL **8548 CAROLINIANA.** 3 to 5 ft. June and July. The long, graceful spikes of yellow Lupin-like flowers blossom with the Delphiniums and provide an excellent foil for their blues. Seeds germinate in 2 to 3 weeks. Pkt., **25c.**

Tithonia

ANNUAL: From Mexico and Central America comes this brilliantly colored, easily grown annual. Reselection has bred into it an earliness of bloom that makes Tithonia suitable to growing in most areas.

LOCATION: Planted in a warm sunny spot with light soil will produce flowers in most areas in mid-August. Thrives on hot weather. For background or border, make interesting cutflowers.

SOW SEED: Start indoors in March, planting seed ¼ inch deep, or sow in open ground when all danger from frost is past. Transplant seedlings to open ground when warm weather has arrived, spacing 2 to 3 ft. apart. Seed germinates in 2 to 3 weeks.

5644 TORCH. All America Silver Medal 1951. The petals are a brilliant shade of orange-scarlet forming a striking contrast to the yellow center. Foliage an attractive graying green that further complements the brilliancy of the flower. 4 to 4½ ft. Pkt., **15c.**

Torenia

ANNUAL: Native to the tropics of Asia and Africa, this charming annual thrives best under hot weather conditions outdoors or as a free flowering pot plant in the warm greenhouse or home.

LOCATION: In the garden border they provide a wealth of bright color from July to October. Before killing frost, pot up a few for winter bloom in the house.

SOW SEED: Sow seed in March or April keeping seed box in a warm spot. When large enough to handle, transplant inside 3 to 4 inches apart and later set small plants in a sunny spot in the garden, spacing 1 ft. apart. Do not allow to dry out. They prefer a damp warm soil. Seed germinates in 15 days.

5645 FOURNIERI (Blue). Richly colored snapdragon-like blooms of violet blue with a touch of gold on the lip. 1 ft. Pkt., **15c.**

Heat Resistant Sweet Peas

ANNUAL: Sweet Peas have come a long way since the first purple flowered species came to this country from Sicily in 1699. Long stems for cutting, large waved individual flowers with a delicate fragrance and freedom of bloom are characteristic of improvements made over the years.

LOCATION: Like all vines, Sweet Peas require support. This may be twine netting, string, a garden fence or trellis. Chicken wire is not recommended since it has a tendency to hold the heat of the Sun and will burn the tendrils. They like a sunny well drained location and rich deep well-drained soil.

SOW SEED: Sow seed 1½ to 2 inches deep and 1½ inches apart as early in the Spring as ground can be worked. In the extreme south seed may be planted in late Fall. Thin to 6 inches apart when vines are 4 inches tall.

Sweet Peas do best in a medium loam soil with good drainage. Dig the soil 6 to 8 inches deep. Heavy applications of organic matter and manure may increase Sweet Pea Wilt and other diseases. The Plant Food needs of the vine can be met by feeding after three to four leaves have formed by using ½ pound good mixed fertilizer, like Vaughan's Groganic Fertilizer, to every 25 feet of row. Water in thoroughly. Repeat when plants set first flower buds. Always keep soil moist but not soaked; allowing it to dry out and then watering will increase bud drop. Sour soils should be limed.

Inoculate Sweet Pea seed with Nitragin before planting, even though Sweet Peas have been grown successfully in the same location.

Water once a week by soaking ground around vines. Flowers will continue to bloom over a longer period if picked regularly.

Seed germinates in approximately 2 weeks.

DWARF SWEET PEAS

5616 LITTLE SWEETHEART MIXTURE. A new class of Sweet Peas. Each plant a perfect mound of flowers, all large and ruffled, in a wide range of color. Requires no staking, grows but 8 inches in height. Space 12 inches in the row since the plant is quite bushy. A novelty that will create much interest. Pkt., **25c.**

Tritoma
(Red Hot Poker)

PERENNIAL Very handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 ft. stems.

8558 PFITZER'S HYBRIDS. Orange scarlet. Pkt., **15c.**

8554 Trollius Choicest Mixed Pkt., 25c.

Trollius

PERENNIAL Seed is slow to germinate. For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then make your sowing, or soak seed in hot water for 30 minutes before sowing. Plants require a moist soil. Do not allow seed beds to dry out.

8554 CHOICEST MIXED VARIETIES. Pkt., **25c.**

Veronica (Speedwell)

PERENNIAL Hardy, herbaceous perennials varying in height from a few inches to 3 or 4 ft., and bearing blue flowers in terminal spikes or racemes. Seeds germinate in 15-20 days.

8570 SPICATA BLUE. 2 ft. July-August. Flowers violet blue in long spikes. Pkt., **15c.**

CUTHBERTSON FLORIBUNDA

Widely used for outdoor growing, particularly under middle west conditions, continuing to bloom long after hot weather comes and other varieties have died.

5265 CUTHBERTSON FLORIBUNDA MIXED. A well-balanced blend, bright clear colors, long stems, delicately fragrant blooms. **Illustrated in color on page 61.** Oz., **80c;** ½ oz., **50c;** pkt., **25c.**

COLLECTION NO. 5250. One packet each Sweet Peas Cuthbertson Floribunda. Includes oxblood-crimson, rosy lavender, rosy crimson, picotee rose pink on white ground, pure white, rose pink, salmon cream-pink, medium blue and coral pink. 9 Packets for **$1.00.**

MULTIFLORA (Zvolanek)

Characteristic of this strain is the longer stem on which five or six flowers will be in bloom at one time.

5307 MULTIFLORA MIXED. Blended from named sorts to insure a complete color range. Pkt., **25c.**

COLLECTION NO. 5310. Sweet Pea Zvolanek's Multiflora. A complete range of color that includes Deep American Beauty Rose, Christmas Red, Elk's Purple, Orchid, Rose Pink, Salmon Pink and White. 7 Packets for **$1.00.**

SPENCER SWEET PEAS

5622 RUFFLED MIXED. A late or Summer flowering strain. An outstanding mixture of extra large, ruffled and frilled flowers in a complete color range that includes blue, cream, rose, salmon and white. Pkt., **15c.**

5595 VAUGHAN'S SPECIAL MIXTURE, EARLY FLOWERING SPENCERS. A Formula blend made from named sorts, including the most fragrant varieties. This strain is recommended for all sections where Spring is late as they flower before the summer heat arrives. Oz., **70c;** pkt., **25c.**

COLLECTION NO. 5600. One packet each Sweet Peas Early Flowering Spencer, Fragrant Varieties, Amethyst, American Beauty, Princess Blue, Harmony Lavender, Shirley Temple rose pink, Laddie Improved, Hope, pure white, black seeded, Cascade, white seeded white, Mrs. Herbert Hoover and Oriental, cream. 10 Packets for **75c.**

Annual Vines from Seed

LOCATION: These rapidly growing Annual Climbers are useful in that they can be trained to cover porches, trellises, low fences and bare walls. All have bright blooming flowers and require a minimum of care. Seed germination periods vary and these are indicated in the descriptive paragraphs of each variety.

SOW SEED: Seed sowing should be made when ground is warm and danger of frost past. Cover with fine soil to a depth of ½ inch. When seedlings are well established, usually 3 to 4 inches in height, thin out to prevent crowding.

PLANT SPACING: Plant spacing will vary, depending on the purpose for which it is grown and the location. The average is 6 to 8 inches apart, while vines such as Thunbergia and Canary Bird Vine require 10 to 12 inches for proper development. On the other hand, Cardinal Climber requires but a 3 inch plant spacing. When plants are used as a ground cover, we recommend spacing them 12 to 18 inches apart to allow them sufficient area for proper development. Gourds Ornamental should be spaced 2 to 3 ft. apart since they are rampant growers and require vast spaces for proper development.

4766 SCARLET RUNNER BEANS. SCARLET EMPEROR. Bright scarlet flowers of extreme beauty are followed by large pods of edible beans. Succeeds best in a cool location. Seed germinates in 6 to 8 days. 10-12 ft. Pkt., **25c.**

1250 CANARY BIRD VINE. Beautifully cut leaves and delicate flowers of clear canary yellow. Fancied resemblance to a bird, gives this climber its name. Does well in shade. Seed germinates in 2 weeks. 15-20 ft. Pkt., **25c.**

1320 CARDINAL CLIMBER. The cardinal scarlet flowers are in lovely contrast to the dark green foliage. A rapid grower—in bloom all Summer. Seed germinates in 2 weeks. 15 to 20 ft. Pkt., **25c.**

1820 COBAEA SCANDENS. Bell-shaped flowers of rosy-lilac. A vigorous grower and prolific bloomer. Plant seed edgewise. Germinates in 15 to 21 days. 10-15 ft. Pkt., **15c.**

2040 CYPRESS VINE MIXED. Trumpet shaped flowers of scarlet and white, fine fern-like foliage. In bloom from Summer to Fall. Seed germinates in 10 to 15 days. 10 ft. Pkt., **15c.**

2690 HEARTS AND HONEY. The flowers change in color, ranging from pinkish orange to rose pink all in a single day. Jaggedly cut leaf is a clear deep green. Seed germinates in 2 weeks. Pkt., **25c.**

5640 THUNBERGIA ALATA MIXED. Showy flowers in colors that range from orange, buff, yellow to white, all with contrasting dark eye. Makes a dense growth and produces flowers in great abundance. Seed germinates in 10 to 18 days. 4-5 ft. Pkt., **25c.**

IMPATIENS, on page 58, have a remarkably long season of bloom and make fine house plants.

Verbena

ANNUAL: An easily grown annual. Originated as a desert plant, it thrives in the sun, flowering continuously. Large trusses of flowers bright attractive colors.

LOCATION: The dwarf compact varieties, with their neater, closer growth, are valuable for small beds or borders. The taller larger flowered sorts are useful for mass effect in the garden, for window boxes and are a colorful addition to the cutting garden.

SOW SEED: For earliest bloom, sow indoors in February or March, cover to a depth of ⅛ inch. Transplant or thin to 3 inches apart when 2 inches tall. Seed can be sown outdoors to same depth after danger from frost is past. Transplant or thin outdoors to 18 to 20 inches apart. Seed germinates in 2 weeks.

DWARF COMPACT—Sparkle Type

A group of "dwarfs" unmatched for their neat compact habit. Plants are completely covered with giant sized florets. 9 inches high with a plant spread of 12 inches.

5741 CRYSTAL. Pure snow-white. Pkt., **25c.**

5738 SPARKLE. Bright scarlet-red with gleaming white eye. Pkt., **25c.**

5740 DELIGHT. Clear coral-pink suffused salmon. **Color illustration on page 61 is representative of this group.** Pkt., **35c.**

5739 DAZZLE. A solid scarlet-red. Pkt., **35c.**

5742 SPLENDOR. Rich royal-purple accented by its snowy-white eye. Pkt., **35c.**

BUSH TYPE

Dwarf upright grower with large florets closely massed across the flat-topped plants. 8 to 10 in.

5726 MIXED. Uniformly bushy plants will provide a ribbon of color in the garden border. All the popular colors and color combinations. Pkt., **25c.**

HYBRIDA GIGANTEA

An extra large flowered, reselected strain, with bushy spreading habit. 1 ft.

5701 ALBA. A good clear white. Fragrant. Pkt., **15c.**

5718 LAVENDER GLORY. A clear lavender with medium sized cream eye. Fragrant. Pkt., **15c.**

5721 SALMON QUEEN. Bright salmon-pink with small white eye. Pkt., **25c.**

5720 VIVID. A sunproof scarlet-red. Pkt., **25c.**

5730 VERBENA VAUGHAN'S BEST MIXTURE. Our own formula-blend that includes all the Gigantea (large flowered) sorts we list as well as many others. A brilliant display of color all Summer in the garden; an excellent source of cutflowers for the home. ⅛ oz., **90c;** pkt., **15c.**

5749 DWARF MASTER BLEND.® Plants are very compact and dwarf. Flowers appear when plants are quite small and retain their color and habit throughout the entire season. Bright colors in a wide range, many with eyes. Excellent for introducing mass of bright colors in the border, or for ribbon planting. **Color illustration on page 61 is a corner of our 1960 Trial Ground Planting.** Pkt., **25c.**

Tall, Hardy Verbena

PERENNIAL **8566A BONARIENSIS.** 4 ft. Sweet scented rosy lavender flowers on long stiff stems. Will flower first year from a March sowing. Start seed indoors and set small plants out when ground is sufficiently warm. Pkt., **15c.**

Vinca Rosea

(Periwinkle)

ANNUAL: This tender little perennial from Madagascar responds well under our conditions when treated as an annual. In full bloom from Mid-Summer till well into Fall, it seems never troubled with disease or insects.

LOCATION: Most effective in beds, borders or window boxes. Prefers a sunny well-drained location.

SOW SEED: Seed should be sown indoors in February or March using fine soil and covering to a depth of ¼ inch. When large enough to handle, seedlings should be transplanted into plant bands or small pots and kept indoors until frost danger is past, then set out in the garden spacing 12 inches apart. Seed germinates in 2 to 3 weeks.

5770 WHITE. Bushy plant with glossy green leaf. Flowers of pure white. 18 in. Pkt., **15c.**

5775 MIXED. In habit and appearance this is identical to the above. The color range includes pure white, rose, delicate pink and white with rose eye. 18 in. Pkt., **15c.**

5780 LITTLE PINKIE. A dwarf selection in a rich rose color. Very free flowering. 8 to 10 inch. Pkt., **25c.**

5782 DWARF BRIGHT EYE. A new glistening white with contrasting rose-red eye. Plant habit and freedom of bloom are identical to Little Pinkie. **Illustrated in color on page 61.** 8 to 10 in. Pkt., **25c.**

Decorative Giant Zinnias

ANNUAL: An easily grown annual of great brilliance. A profuse bloomer, flowers stand well above the foliage and register as a mass of color in the garden picture. Wide variation in flower size, type and plant height increases its value to the home gardener.

LOCATION: Given a sunny location, rich soil and sufficient water, the Zinnia will reward you with masses of bloom. There is nothing finer for mass effect in the garden; an excellent cutflower. In flower from late July to killing frost.

SOW SEED: Start seeding outdoors in a well prepared sunny part of the garden after all danger of frost has passed. Cover seed ¼ inch with fine soil, well pressed down, in rows 18 inches apart. Thin or transplant 12 to 14 inches apart when plants are 3 inches tall. Seed germinates in 5 to 10 days.

GIANT CACTUS FLOWERED

An attractive Zinnia characterized by its gracefully curled and twisted petals which give the flower a fluffy appearance. The quilled petal is similar to that of the Cactus Flowered Dahlia to which it is frequently compared. Large flowers average 4 to 5 inches across. 2½ to 3 ft.

5880 BLAZE. Brilliant mandarin-red flowers which soften to scarlet-orange as flowers attain size. Pkt., **25c.**

5890 CHERRY TIME. Shades of cherry, rose red, spiraea red and magenta rose. Pkt., **25c.**

5857 FLORADALE SCARLET. Intense scarlet red. Pkt., **25c.**

5885 ICE CREAM. Distinctive well-formed blooms of pure cream color. So delicate it combines well with even the most vivid reds and blues. Pkt., **25c.**

6175 MERRY-GO-ROUND. The flowers are large with an unusual petal arrangement. Sharply defined bicolors, outer petal in striking contrast to center. Each petal tipped in gold or white. Pkt., **25c.**

6036 GOLDEN HEART. Dazzling scarlet-red petals unfold to reveal the rich golden yellow heart. **Illustrated in color on page 35.** Pkt., **25c.**

6042 RED MAN. Delicately quilled brilliant scarlet flower. Lacy airy petallage eliminates heaviness. Giant flowers, compact plant. **Illustrated in color on page 35.** Pkt., **50c.**

6038 RIVERSIDE BEAUTY. Warm azalea-pink. Pkt., **25c.**

6037 ROSIE O'GRADY. A distinctive bicolor, deep rose center shading to a soft rose at the outer petal. **In color on page 62.** Pkt., **25c.**

6041 SNOW TIME. More nearly white than any other previously offered in this group. 2½ to 3 ft. Pkt., **25c.**

6040 SUNNY BOY. Butter-cup yellow. Pkt., **25c.**

6035 CACTUS FLOWERED HYBRIDS (Giant Burpee Hybrids). Includes color never before found in Zinnias. Many lovely pastels, irregular petal formations, some quilled, others curled but all lend themselves gracefully to flower arrangement. **Our color illustration, page 62, includes the newer varieties.** Pkt., **25c.**

PUMILA DOUBLE

Cut-and-Come Again

These bushy plants with their wealth of bloom are showy garden subjects as edgings or in mass plantings. The more they are cut, the more they bloom. 18 in.

6080 SNOW BALL.

6100 WATERMELON PINK. Salmon-rose.

6097 PINKIE. Rose-pink.

Each of the above, pkt., 15c; 2 pkts. for 25c.

6105 PUMILA VAUGHAN'S SPECIAL MIXED. ¼ oz., **75c.** Pkt., **15c.**

6099 SUNSHINE TINTS. New rich pastel shades. Fine for cutting or for borders. Flowers average 2 in. across and plants are about 18 in. tall. Pkt., **15c.**

5893 Zinnia Vaughan's Special Mixture of All Types. Pkt., 25c.

GIANT FLOWERED ZINNIAS

Full-double large flowers on strong stems for cutting and mass display. Modern plant breeding has made obsolete the old distinctions of Giant Types. Our listing combines the finest of these types based on customer reports and our own trials. 2½ to 3 ft.

6131 CANARY BIRD. Rich canary yellow.

6164 CHERRY QUEEN. Brilliant cherry.

6133 CRIMSON MONARCH. Rich crimson, largest and best of red shades.

6134 DREAM. A fine, deep rosy lavender.

6135 EXQUISITE. Light rose with center a deep rose.

6168 ISABELLINA. Soft cream-yellow. Distinct.

6163 MISS WILLMOTT. Soft pink.

6139 POLAR BEAR. Large pure white.

6143 ROYAL PURPLE. Deep rich reddish purple.

6143A WILL ROGERS. A most beautiful scarlet red.

6030 PINK LADY. Shrimp pink center and cream or buff outer petals. A delicate combination of color.

Each of above: Pkt., 25c.

LILLIPUT (Pompon)

Handsome little bushes covered with small, very double flowers. A popular cutflower, excellent for smaller beds or in the front of a border. **We have illustrated these in color on page 62.** 1 to 2 ft.

6071 BLACK RUBY. Rich deep maroon.

6052 BRIGHT PINK. (Deep flesh.)

6073 CANARY YELLOW.

6068 ROSE BUD. Rose-pink.

6065 SALMON ROSE GEM.

6067 WHITE GEM.

Each of above: Pkt., 15c.

6075 LILLIPUT VAUGHAN'S SPECIAL MIXED. Oz., **$2.00;** ¼ oz., **65c;** pkt., **25c.**

6070 LILLIPUT PASTEL MIXTURE. A carefully chosen mixture of pastel tints. Pkt., **15c.**

Hardy Violas

PERENNIAL Because of their free flowering habit and long season of bloom, this popular and dependable little plant is much in demand. In bloom all Summer and until killing frost, if faded blooms are kept picked. Dainty flowers range in color from ruby red through apricot, yellow, blue and white.

LOCATION: In popular demand for use in the foreground of a border, in small beds and rockeries. Prefers a rich moist soil. Watering as needed by soaking around plants.

SOW SEED: Sow indoors preferably in Fall, although a Winter or early Spring planting may be made. Use fine soil and cover to a depth of ⅛ inch. If planted in Fall, winter-over in cold frames. Thin to 3 inches apart indoors when plants are 1 inch tall. Transplant outdoors to 8 inches apart when all danger of frost is past. Seed germinates in 2 weeks.

CORNUTA TYPE—10 IN.

5787 ARKWRIGHT RUBY. Bright ruby crimson shaded terra-cotta; fragrant. Pkt., **25c.**

5790 BLUE PERFECTION. Light Blue. Pkt., **25c.**

5804 CHANTREYLAND. Apricot. Pkt., **25c.**

5796 JERSEY GEM. Pure violet; fragrant. Pkt., **25c.**

5802A KING HENRY. Deep purple-violet with yellow eye. Pkt., **25c.**

5806 WHITE PERFECTION. Finest white. Pkt., **25c.**

5805 YELLOW GEM. Clear yellow. Pkt., **25c.**

MISCELLANEOUS VIOLAS

5797 JOHNNY-JUMP-UP OR VIOLA TRICOLOR. They are more hardy than others and if allowed to seed will carpet a Rose or Iris bed with a mass of flowers early in May. They bloom all season. Purple, blue and yellow are the three colors that give them their name. Pkt., **25c.**

5811A NIGRA OR BLACK IMP. Quaint little flowers of velvety black coming quite true. Blooms quickly first year from seed. Pkt., **25c.**

These new Violas are from seed borne by F-1 Hybrid parents. Huge full-round and rich 2 inch blooms, gracefully waved and borne with typical hybrid vigor. Shows resistance to high temperatures and low rainfall.

8580 TOYLAND F-2 HYBRID. Pure colors and combinations of mahogany, red, gold, apricot, blue, purple, violet and white on sturdy, compact plants. **See illustration on page 62.** 6 in. Pkt., **25c.**

Rich Color Combinations

6043 PERSIAN CARPET. All America Honorable Mention 1952. On compact bushy plants, flowers as large as a silver dollar are produced in the greatest abundance. Pointed petals tipped with contrasting colors. They are fully double, almost globular and their colors are deep and rich, including yellow, orange, red, crimson, maroon, and pink in harmonious patterns, which fully justify its poetic name, Persian Carpet. 18 in. Pkt., **25c.**

6020 OLD MEXICO. A new Mexicana type Zinnia with large blooms freely produced on uniform bushy plants. Rich mahogany base overlaid with varying shades of golden yellow. For border and cutting. **Illustrated in color on page 35.** Pkt., **50c.**

Midget Zinnias

Cupid Type. The smallest of all. 1 ft.

Compact plants of bushy habit. Each upright stem bears a flower 1 in. in diameter. Ideal for cutting and for use in miniature vases.

6025 CUPID MIXED. Pkt., **15c.**

Gay Candy Striped Zinnias

6180 ZINNIA PEPPERMINT STICK MIXED. An interesting development in the popular striata or striped type, including red and white, red and yellow, pink and white, orange and white and purple and white. Plants are somewhat taller than the Pumila type, flowers are medium sized. Early to flower, they are produced in profusion until frost if kept picked. 2 to 2½ ft. Pkt., **25c.**

Smallest Single Zinnia

6127 LINEARIS. The flowers, with a single row of petals, are one and one-fourth inches in diameter; at first each golden orange petal carried a greenish stripe down the center and a greenish tip, but as the flower developed the green turned to light yellow, making a pleasing contrast with the orange of the outer portions. The quarter-inch orange center cushion turned dark as the flower developed. Early flowering. 10 in. Pkt., **15c.**

6050 Zinnia Lilliput Tom Thumb Mixture. Pkt., 25c

Tom Thumb Zinnias

6050 ZINNIA LILLIPUT TOM THUMB MIXTURE. Small double flowers cover the plants which grow 15 to 18 inches tall. Red, orange, pink, yellow and white pastels. Delightful for low bowls. Pkt., **25c.**

A Favorite Border Flower

6110 ZINNIA RED RIDING HOOD. Of compact form, covered the entire season with double scarlet flowers not over an inch across; as a border plant it is highly effective. 1 ft. ¼ oz., **75c;** ⅛ oz., **50c;** pkt., **25c.**

FANTASY TYPE

Shaggy petaled medium sized double flowers, excellent for cutting. 2 to 2½ ft.

5908 MIXED. A bright colorful mixture of shaggy petaled double flowers. ¼ oz., **75c;** pkt., **25c.**

Gay Mixtures for the Border

6156 CALIFORNIA GIANTS, VAUGHAN'S SPECIAL MIXTURE. This is specially blended from a prepared formula to insure well balanced color harmony, and a gorgeous display in mass planting. In the cutting garden it insures an all-summer supply of flowers for bouquets. ½ oz., **$1.15;** ¼ oz., **65c;** pkt., **25c.**

6145 GOLD MEDAL MIXED. A bewildering variety of delightful colors, all giant flowers. We consider this the finest of the Giant Flowered Mixtures. **Illustrated in color on page 61.** ½ oz., **$1.15;** ¼ oz., **65c;** pkt., **25c.**

5901 SUPER CROWN OF GOLD PASTEL TINTS. Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow. Pkt., **15c.**

5893 VAUGHAN'S SPECIAL MIXTURE OF ALL TYPES. This is intended for the cutting garden, and includes all colors and types of Zinnias, large and small flowered, as well as Gaillardia flowered, Fantasy and other novelty strains. Pkt., **25c.**

6170 VAUGHAN'S SPECIAL MIXTURE OF ALL GIANT SORTS. Planted in a mass, it will produce a display of vivid colors; in the cutting garden it will provide cut flowers of giant size and a full range of colors from July until killing frosts come in the fall. ½ oz., **$1.15;** ¼ oz., **65c;** pkt., **25c.**

All-Type Zinnia Collection

8 Packets ($1.80 value) $1.20

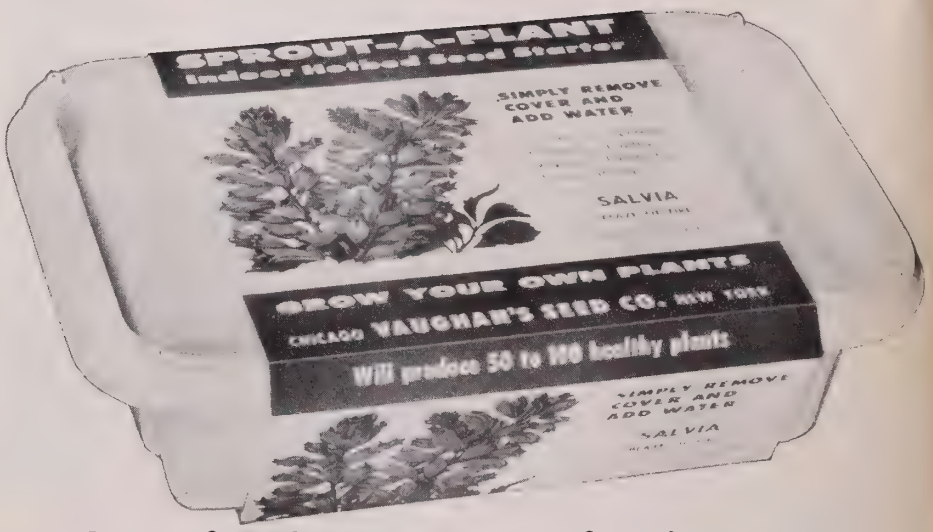
6185 ALL-TYPE ZINNIA COLLECTION. So varied are the forms and colors of the zinnia, an entire garden can be planted with this native American flower. The illustration above shows distinct forms, varying from dwarfs to giants, bearing small flowers and large, capable of filling every garden role. One packet each of the following eight varieties are included in the collection: Dahlia Flowered Gold Medal Mixture; Fantasy Mixture; Cupid Mixture; Pumila Vaughan's Special Mixture; Lilliput Vaughan's Special Mixture; Cactus Flowered Giant Hybrids; Persian Carpet; California Giants Vaughan's Special Mixture. **Color illustration on page 62.** All eight packets (value $1.50) for **$1.00.**

New! SPROUT-A-PLANT

Indoor Hotbed Seed Starter With Pre-Planted Seeds

- **LETS YOU START PLANTS EARLIER AND EASIER**
- **COMPLETE — JUST ADD WATER AND PLACE IN THE SUN**
- **PRODUCES 50 TO 100 HEALTHY, VIGOROUS PLANTS**
- **CHOOSE FROM 16 FLOWERS AND 4 VEGETABLES**

Now, enjoy the fun and thrills of growing your own plants from seed—but with none of the trouble! And get a bonus of strong, ready-to-grow stock for transplanting. Best Quality seeds pre-planted in clean, growth-stimulating material germinate quickly. 8½ x 6" plastic tray. Complete, easy-to-follow instructions make growing simple. 3 SPROUT-A-PLANTS for $1.39; 6 for $2.69. Postpaid.



Three for $1.39 — Six for $2.69 PREPAID

Following Popular Varieties Available:

AGERATUM, Blue Mink
ALYSSUM, Carpet of Snow
ASTER, Powderpuff
COLEUS, Rainbow Mixed
DAHLIA, Unwin's Dwarf Hy. Mxd.
MARIGOLD, Tall Cracker Jack
MARIGOLD, Dwarf Petite Mixed
PANSY, Swiss Mixed
PETUNIA, Colorama
PHLOX, Beauty Mixed (Dwarf)
PORTULACA, Double Mixed
SALVIA, America
SNAPDRAGON, Panorama
VERBENA, Dwarf Master Blend
ZINNIA, Cactus Flwd. Mixed
ZINNIA, V's Giant Flwd. Mxd.
TOMATO, Rutgers (Early)
TOMATO, Giant Tree
PARSLEY, Vaughan's XXX
PEPPER, California Wonder

Vaughan's Perennial Plants

AQUILEGIA MCKANA HYBRIDS

Perennials are treasured not only for hardiness and longevity but for their early response to the first warm days of Spring. Warmth quickly induces luxurious growth and soon beds are covered with a warm green that serves as background material for garden display from April to November. Supplemented by a few well-chosen annuals, biennials and summer flowering bulbs for late bloom a succession of interesting color will be yours in the garden border from May to killing frost.

Perennial Plants

We can only supply those priced in our catalog. Plants should be set out when danger of frost is over. ORDER EARLY to insure delivery at proper time.

ALL PLANTS SHIPPED DIRECT FROM OVID, MICHIGAN. PLANTS PRICED IN THESE PAGES ARE PREPAID.

Be sure you check your order carefully before mailing. It is almost impossible to make changes in orders after they have been placed in process of filling.

No C.O.D. Shipments

WHY YOU WILL FIND VAUGHAN'S PERENNIALS THE BEST

Because we make a specialty of growing them to perfection, and make it our point to give you SERVICE, QUALITY AND VALUE. Our plants make REAL ROOTS, and what is more important to a Perennial than a GOOD ROOT SYSTEM?

All plants offered in this list are strong, field grown, two year old, transplanted, unless otherwise specified. Biennials are one year old. Our plants bloom the first season. Please state whether we may substitute in case we are short.

DELIVERY GUARANTEE

We guarantee that all perennial plants are properly matured for use of the home gardener and that they will reach the customer in good condition.

Any complaint as to quality or condition of plants must be made at once upon receipt of shipment, and letter accompanied by packing sheet.

Please remember that a plant is a living organism, it feeds, drinks and breathes and must be cared for accordingly.

Achillea (Yarrow)

PP10 *FILIPENDULA. Large flat heads of golden yellow blooms good for dried flowers July—Sept. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP11 *SNOWBALL—Pure white, semi-double, fine for cutting. July-Aug. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

Ajuga (Bugleweed)

PP118 REPTANS. One of the best ground covers for sun or shade, spreads fast and has 4-6" flower spikes in June. 3 for **$1.80;** 6 for **$3.50.**

Alyssum (Madwort)

PP12 #SAXATILE COMPACTUM. (Basket of Gold). Produces mass of bright yellow flowers. May. 10". 3 for **$1.80;** 6 for **$3.50.**

Anchusa (Borraginaceae)

PP120 #MYOSOTIDIFLORA. Charming blue forget me not like flowers make a 12" high mound in May-June, likes semi-shade or sun. 3 for **$2.50;** 6 for **$4.50.**

Anthemis (Marguerite)

PP13 *TINCTORIA KELWAYI. Clear yellow daisy-like flower. June-July. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

***For cutting. #For rock gardens.**

Aquilegia (Columbine)

PP14 *CRIMSON STAR. Brightest red Columbine, long spurs, 3" flower, white corolla, June. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

PP15 LONG-SPURRED BLUE—Wide se ection of blues. 3 for **$1.80;** 6 for **$3.50.**

PP16 MCKANA HYBRIDS—Long spurred large flowers, has rich colors, vivid. All American Winner. June. 3 ft. 3 for **$2.00;** 6 for **$3.90.**

PP17 MRS. SCOTT ELLIOTT'S LONG SPURRED HYBRIDS—Very long spurs, large flowers, wide selection of pastel colors. June. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

Armeria (Thrift)

PP18 #LAUCHEANA. Mound of narrow foliage, topped with bright pink flower heads. June. 6". 3 for **$2.00;** 6 for **$3.90.**

Artemesia

PP19 *SILVER KING. Silvery foliage, excellent contrast, dried for winter bouquets. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP20 #SILVER MOUND—Dwarf silvery, fernlike foliage, compact mound good for edging. 4". 3 for **$2.00;** 6 for **$3.90.**

Asclepias (Butterfly Weed)

PP21 *TUBEROSA. Bright orange flowers, opening seed pods good dried material. July-Aug. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

Asters (Hardy)

PP22 #ALPINUS GOLIATH. Large Bluish-purple blooms on 15" plants, good for edging. June. 3 for **$1.80;** 6 for **$3.50.**

PP23 #LADY HENRY MADDOCKS. A 15" mound of light pink flowers blooming in August-September, likes full sun. 3 for **$1.80;** 6 for **$3.90.**

PP24 #BLUE BOUQUET. A 15" mound of violet blue flowers with yellow eyes. A companion for Lady Maddocks. 3 for **$2.25;** 6 for **$4.25.**

PP25 *LITTLE RED BOY—Best red, strong grower. Sept. 2-3 ft. 3 for **$2.25;** 6 for **$4.25.**

PP26 *WHITE LADY—Finest pure white. Sept. 4 ft. 3 for **$1.80;** 6 for **$3.50.**

SPECIAL OFFER—A HARDY ASTERS

One each Blue Bouquet—Lady Henry Maddocks—Little Red Boy—White Lady

4 Plants Offer A—for $2.25 (Value $3.00)

SHASTA DAISY MARCONI

DELPHINIUM PACIFIC GIANT

Candytuft (Iberis)

PP27 #SEMPERVIRENS. Sheet of white flowers in May. 8". 3 for **$1.60;** 6 for **$3.00.**

Carnations

(Garden Grenadin)

PP28 *GOLDEN SUN. Early, very double, large yellow.

PP29 KING OF THE BLACKS. Darkest red, very fine.

PP30 RED. Scarlet color. 20".

PP31 TRIUMPH ROSE. Fine rose—pink.

PP32 WHITE. Pure white. 18".

Above separate colors, 3 for **$1.60;** 6 for **$3.00.**

SPECIAL OFFER—C

CARNATION GRENADIN

Hardy Outdoor Carnation. Blooms in June and July. This offer contains a mixture of maroon, red, pink, white and yellow.

Minimum offer 6 for $2.25; 12 for $4.25.

Delphinium

PP33 *BELLADONNA. Sky blue. June-July. 2½'. 3 for **$1.80;** 6 for **$3.50.**

PP34 BELLAMOSA. Deep blue, white bee. June-July. 2½'. 3 for **$1.80;** 6 for **$3.50.**

PP35 BLACKMORE AND LANGDON STRAIN. English strain of all shades of blues, with contrasting eye. 3 for **$1.80;** 6 for **$3.50.**

***PACIFIC GIANTS.** Enormous flowers and spikes, rich colors, strong growers. The most popular strain today. 6-ft. All summer.

PP41 ROUND TABLE SERIES. A blend of Pacific Giant varieties. 3 for **$2.25;** 6 for **$4.25.**

Vaughan's Perennial Plants

DIANTHUS BARBATUS, Single Dwarf, "Midget" Mixed

Dianthus Barbatus

(Sweet William)

PP42 *VAUGHAN'S SPECIAL MIXED, includes double and single flowered varieties, good color range. June. 1-1½ ft. 3 for **$1.60;** 6 for **$3.00.**

PP43 MIDGET SINGLE DWARF MIX. Compact plant with quite large blooms, nearly covers foliage, wide range of colors, ideal for edging. June. 4". 3 for **$1.60;** 6 for **$3.00.**

Dianthus Plumarius

(Clove Pink)

PP44 SPRING BEAUTY. Flowers double carnation-like, beautiful color range, fragrant. June-July. 15". 3 for **$1.80;** 6 for **$3.50.**

PP45 WINTERI. Most popular hardy pink, single dollar size blooms, heavy bloomer, bright colors, carmine eyes. May-June. 12-15". 3 for **$2.00;** 6 for **$3.90.**

Dicentra

(Bleeding Heart)

PP140 EXIMA (Plumy Bleeding Heart). Dwarf red-dish purple, lacy foliage, blooms all summer. 15". 3 for **$2.00;** 6 for **$3.90.**

PP46 SPECTABILIS. Popular old fashioned Bleeding Heart. June. 18-24". 3 for **$3.25.**

Digitalis (Foxglove)

PP47 *EXCELSIOR STRAIN. Strain of unusual shades, colorfully marked. Florets horizontal instead of drooping, free flowering, accent plants. 4-5 ft. 3 for **$1.80;** 6 for **$3.50.**

PP48 *SHIRLEY HYBRIDS. Large flower heads, covered with bell shaped florets, colors include white, pink to deepest rose. June. 6 ft. 3 for **$1.80;** 6 for **$3.50.**

Doronicum

(Leopard's Bane)

PP49 *CAUCASICUM MAGNIFICUM. Showy yellow daisy-like flower, bright green heart shaped leaf. Late April-May. 15". 3 for **$2.25;** 6 for **$4.25.**

Erigeron

PP125* SPECIOSA. Light blue daisy flowers in June-July. Grows 18" tall, likes full sun. 3 for **$1.80;** 6 for **$3.50.**

Euphorbia (Milkwort)

PP127 POLYCHROMA. A hardy relative of the poinsettia. Yellow rose shaped flowers which turn into bright red seed in fall contrasting beautifully with light green foliage. 3 for **$2.00;** 6 for **$3.90.**

Funkia (Plantain Lily)

PP50 GLAUCA. Large blue-gray leaves, violet flowers. Aug.-Sept. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

***For cutting** **#For rock gardens.**

Gaillardia

PP51 *BURGUNDY. Wine red flowers, rich. Blooms all summer. 2 ft. 3 for **$1.60;** 6 for **$3.00.**

PP52 *SUN GOD. Pure golden yellow, excellent variety, all summer. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

PP53 *PORTOLA HYBRIDS. Large flowers, 4", brilliant metallic red shades gold tipped, all summer. 2 ft. 3 for **$1.60;** 6 for **$3.00.**

Geum

PP54 LADY STRATHEDEN. Flowers loosely double, rich golden yellow, blooms all summer. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

PP55 MRS. BRADSHAW. Large fiery orange scarlet, double. June-Sept. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

Gypsophila

(Baby's Breath)

PP56 *BRISTOL FAIRY. Most popular of all varieties, true double, blooms all summer. 2 ft. 3 for **$3.50;** 6 for **$6.50.**

PP57 *PACIFICA. Clear tiny pink flowers are produced in abundance, dense bush, extremely hardy. Aug.-Sept. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP58 *PANICULATA SNOWFLAKE. Great improvement on the single and double flowering type, more lasting. July-Aug. 2-3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP129 PINK FAIRY. Clear double pink flowers, grows 12-15" tall with bluish green foliage, likes sun. 3 for **$3.25;** 6 for **$6.00.**

Heuchera (Corabells)

PP59 BREZOIDES. Profuse blooming pink, all summer. 1½-2 ft. 3 for **$2.25;** 6 for **$4.25.**

PP60 PLUIE DE FEU. Lovely coral red, blooms all summer. 1½-2 ft. 3 for **$2.25;** 6 for **$4.25.**

PP61 SANGUINEA. Crimson flowers, on 15" stems. July-Aug. 3 for **$2.25;** 6 for **$4.25.**

PYRETHRUM ROBINSON HYBRIDS

Hibiscus (Rose Mallow)

PP62 AVALON HYBRIDS. Giant 6" flowers produced on a plant 4-5 ft. tall, foliage grayish green, mixed colors. July-Oct. 3 for **$1.80;** 6 for **$3.50.**

Hollyhocks

PP63 CHATER'S DOUBLE FLOWERING. Beautiful accents of long spikes, with full double flowers, will rebloom if old stalks removed. Wide color range. July-Aug. 5-7 ft. 3 for **$1.80;** 6 for **$3.50.**

PP64 NEWPORT PINK. This offers a pure double pink variety. 3 for **$1.80;** 6 for **$3.50.**

Lathyrus Latifolius

PP65 PERENNIAL SWEET PEA. Popular rugged old fashioned climber, very useful. Red, pink and white in mixture. July-Aug. 3 for **$1.80;** 6 for **$3.50.**

LUPINES RUSSELL HYBRIDS

Old English

PP66 SWEET LAVENDER

(Lavandula Vera)

•

A Sweet-Scented Perennial Shrub

LONG FLOWER SPIKES OF LAVENDER BLUE

2 FEET HIGH

BLOOMING JULY TO OCTOBER

SILVERY GRAY FOLIAGE YEAR-ROUND

•

A beautiful evergreen bush for gardens and flower borders. Very effective in combination with evergreens.

•

EASY TO GROW

Plant in Sunny Locations

3 for $1.60 — 6 for $2.95

12 for $5.50

Liatris (Blazing Star)

PP67 *SILVER LACE. Exceptionally large pure whiteflowers. August. 4 ft. 3 for **$2.25;** 6 for **$4.25.**

PP68 *KOBALT BLUE. (New) Finest variety of deep mauve pink, bright, low growing. earliest Liatris. 20". 3 for **$2.25;** 6 for **$4.25.**

Linum (Flax)

PP69 PERENNE BLUE. Dainty sky blue flowers on arching stems. May-June. 15-18". 3 for **$1.60;** 6 for **$3.00.**

Lupines

PP71 RUSSELL'S HYBRIDS. Most popular strain, largest flowered, with wide range of rich colors. May-July. 3 ft. 3 for **$2.00;** 6 for **$3.90.**

Lythrum

PP72 MORDEN'S GLEAM. Nearest variety to red, gleaming carmine rose spikes, Lythrums are extremely winter hardy. July-Sept. 3 ft. 3 for **$2.00;** 6 for **$3.90.**

PP73 MORDEN'S PINK. This variety produces dozens of deep phlox-pink spikes, very fine. July-Sept. 3-4 ft. 3 for **$2.00;** 6 for **$3.90.**

PP74 ROBERT. Dwarf bushy, spikes of cheerful fuchsia-pink florets with reddish glow. July-Sept. 18". 3 for **$2.00;** 6 for **$3.90.**

Vaughan's Perennial Plants

Mertensia

PP75 VIRGINICA (Bluebells). The sapphire blue tubular blooms change to pink, always in demand, likes partial shade. April-May. 15". 3 for **$1.80;** 6 for **$3.50.**

Monarda (Bee Balm)

PP76 CAMBRIDGE SCARLET. Crimson-scarlet flowers, good shade plant. July-Aug. 2-4 ft. 3 for **$1.80;** 6 for **$3.50.**

PP77 GRANITE PINK. New superior pink, lovely, has typical Monarda mint scented leaves, shade plant. July-Aug. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

Pentstemon

(Bearded Tongue)

PP79 CYONANTHUS. Striking heavenly blue trumpets large spikes. May-June. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

Physotegia

(False Dragonhead)

PP100 *VIVID. Best variety, deep pink spikes, heavy bloomer. July-Sept. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

Phlox (Hardy)

Our phlox are strong one year old plants with heavy roots. They are superior to divided old clumps.

PP80 ADONIS. (New). Large heads of brilliant intense crimson, excellent. 3 for **$1.80;** 6 for **$3.50.**

PP81 BRIGADIER. Large carmine red with small clear red eye. 3 for **$2.00;** 6 for **$3.90.**

PP82 SALMON BEAUTY. Large early flowering fiery salmon rose with white eye. 3 for **$1.80;** 6 for **$3.90.**

PP83 THUNDERBOLT. New large dazzling brilliant tangerine red. 3 for **$2.00;** 6 for **$3.90.**

PP84 DAILY SKETCH. Charming salmon pink, vivid crimson eye. Early. 2½-3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP85 FLASH. Flashy crimson, glowing. Midseason. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

PP86 LILLIAN. Best salmon-pink, continuous bloomer. Early 1½-2 ft. 3 for **$1.80;** 6 for **$3.50.**

PP87 MARIE LOUISE. The best large pure white. Midseason. 2-2½ ft. 3 for **$1.80** 6 for **$3.50.**

PP88 ORANGE. (New from Holland) exceptionally good variety superseding Schlageter. Has fine orange heads. 3 for **$2.25;** 6 for **$4.25.**

PP89 PRIME MINISTER. Sparkling white with crimson eye, vigorous. Late. 2½ ft. 3 for **$1.80;** 6 for **$3.50.**

PP90 SAN ANTONIO. Dark blood red. Early. 3-3½ ft. 3 for **$2.00;** 6 for **$3.90.**

PP91 SIR JOHN FALSTAFF. Massive, rich salmon-pink trusses, large florets, vigorous, a must. 3 for **$2.00;** 6 for **$3.90.**

PP92 WHITE ADMIRAL. (New). Heads are like mounds of snow, huge trusses of pure white, fragrant, prolific. July-Aug. 2½ ft. 3 for **$1.80;** 6 for **$3.50.**

NEW-PHLOX—NEW

SYMONS-JEUNES VARIETIES CREATED IN ENGLAND KNOWN FOR THEIR EXTRA LARGE FLORETS AND HEADS—HEIGHT 3-4 FT.

PP119 B. SYMONS JEUNE. Outstanding clear pink, sparkling crimson eye, 3 for **$2.25.**

PP120 BOULVARDIER. Bewitching rose-violet, darker eye, well formed trusses, excellent for contrast. 3 for **$2.25.**

PP121 DRESDEN CHINA. Exquisite shellpink, free flowering, vigorous. Late. 3 for **$2.00.**

PP122 MT. EVEREST. Purest of glistening white, pink eye. 3 for **$2.25.**

PP123 FAIRY'S PETTICOAT. Delicate shade of pink with darker pink eye. Charming combination. Sturdy and vigorous. 3 for **$2.25.**

SPECIAL OFFER-P. New Hardy PHLOX. 1 each of above 5 varieties for **$3.00.** (Value **$3.75**).

HARDY PHLOX

Phlox Subulata

(Creeping Phlox)

PP93 ATROPURPUREA. Rich wine red, always popular. 3 for **$1.80;** 6 for **$3.50.**

PP94 BLUE EMERALD. Large, light blue flowers in spring and fall, compact evergreen foliage. 3 for **$1.80;** 6 for **$3.50.**

PP95 EMERALD PINK. Close compact foliage, florets a pure pink of unusual size. 3 for **$1.80;** 6 for **$3.50.**

PP96 GARY PINK. A pink with larger florets than most other types and good foliage and growth. 3 for **$1.80;** 6 for **$3.50.**

PP97 RED WING. Immense sized florets of striking crimson with dark eyes, blooming after most of the other varieties have faded. 3 for **$1.80;** 6 for **$3.50.**

PP99 WHITE DELIGHT. Largest pure white, bright green foliage. 3 for **$1.80;** 6 for **$3.50.**

SHASTA DAISY ALASKA

Polygonum Reynoutria

(Dwarf Lace Plant)

PP130 Fast spreading ground cover light green foliage 6" high which turns red in Fall, has pink flowers in August. 3 for **$1.80;** 6 for **$3.50.**

Primula (Hardy Primrose)

PP132 #POLYANTHA. One of the first plants to bloom in spring with a beautiful color range. Likes moist acid soil and can stand part sun or shade. 3 for **$2.00;** 6 for **$3.90.**

Pyrethrum

(Painted Daisy)

PP101 *ROSEUM ROBINSON'S HYBRIDS. Finest strain, has wide range of colors. May-June. 1½-2 ft. 3 for **$1.80;** 6 for **$3.50.**

PP102 ROBINSON'S CRIMSON. Large, rich crimson. 3 for **$2.00;** 6 for **$3.90.**

Rudbeckia

(Coneflower)

PP103 *PURPUREA. Large Daisy like flowers, reddish-purple petals, brown cone center. All summer. 3 ft. 3 for **$1.80;** 6 for **$3.50.**

Scabiosa

PP104 HOUSES NEW GIANT HYBRIDS. Large flowers in various shades of lavender. All summer. 2 ft. 3 for **$1.80;** 6 for **$3.50.**

Sedum (Stonecrop)

PP105 #PURPLE BEAUTY. Trailing habit, evergreen dark foliage, dark red flowers in July and August. Grows anywhere. 3 for **$2.00;** 6 for **$3.90.**

PP106 *SPECTABILE BRILLIANT. Showy large rose-red flower heads, grayish leaves. Aug.-Sept. 12-15". 3 for **$1.80;** 6 for **$3.50.**

Shasta Daisy

PP107 *ALASKA. Large white good for cutting. All summer. 2 ft. 3 for **$1.60;** 6 for **$3.00.**

PP108 *MARCONI RESELECTED. Largest double shasta daisy, often 7" flowers. All summer. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

Stokesia (Stokes Aster)

PP109 *CYANEA. Flowers rich lavender-blue. July-Oct. 18". 3 for **;$1.80** 6 for **$3.50.**

Teucrium Chamaedrys

(Germander)

PP134 #A small perennial shrub growing 12" tall. Pink flowers June-August. Useful for hedging, glossy green foliage. 3 for **$2.00;** 6 for **$3.90.**

Thymus (Thyme)

PP135 #SERPYLLUM SPLENDENS. Aromatic evergreen creeper for walls and in between flagstones. Blue flowers all summer, likes sun. 3 for **$1.80;** 6 for **$3.50.**

Tritoma

(Red Hot Poker)

PP110 *PFITZERS HYBRIDS. Exotic shades of orange and reds. All summer. 3 ft. 3 for **$2.00;** 6 for **$3.90.**

Veronica (Speedwell)

PP115 *BLUE CHAMPION. Deep indigo blue, very showy. 2 ft. 3 for **$2.00;** 6 for **$3.90.**

PP116 *ICICLE. Glistening white spikes, always in flower, well recommended. 18". 3 for **$2.00;** 6 for **$3.90.**

PP117 MINUET. Beautiful pink spikes, silvery foliage. July-Aug. 15". 3 for **$1.80;** 6 for **$3.50.**

Enjoy The Colorful Bloom of *Iris*

Modern Iris, with their gorgeous colors and abundance of bloom, are a far cry from the old "Flag Lilies." They are, however, of the same easy culture, and respond generously to minimum care.

N-3820 KATHERINE FAY (Fay 1945). Very large and impressive alabaster white of semi-flaring form. Strong grower. HM AIS 1945, AM 1947. Each $1.25; 3 for $3.50.

N-3822 BLACK FOREST. Black Forest is the darkest in its class. The entire flower is a silky blackish blue, even to the haft and beard. Medium-sized, fragrant. Each $1.35; 3 for $3.75.

N-3816 MAYTIME. Maytime represents a real breeding triumph. Its two-tone lilac-pink has a warmth and freshness, a limpid etherealness, that are most inspiring. Each $1.50; 3 for $4.25.

N-3818 PALOMINO. For size, substance and color, this iris deserves the title supreme. Palomino is a very apt color description of the standards with just a suggestion of pink to give them a faint flush; the falls are pale ivory with a copper-amber shoulder. The beard flames like a bonfire. Early midseason. 36 inches. Each $2.00; 3 for $5.65.

N-3828 SOLID GOLD. This seems to be the ultimate to date. It is huge in size and deepest purest yellow imaginable. The form is ideal with very wide hafts, ruffling and texture and the color, fade-proof even in hottest sun. Midseason. 36 inches. Each $1.50; 3 for $4.25.

N-3813 ARGUS PHEASANT. A most striking iris that thrills all who see it. The huge flower is a uniform light tobacco brown self, beard and all, of remarkable smoothness with a bright coppery sheen. Midseason. About 3½ feet. Dykes Medal. Each $1.25; 3 for $3.55.

N-3832 JANE PHILLIPS. A light blue that is deeper in color than Helen McGregor, of which it is a seedling. It resembles its famous parent in form and size but because it carries more color it is distinct and worthy in its own right. H.M. 1950. Each $1.00; 3 for $2.75.

N-3824 REDWYNE. Of beautiful satiny finish and heavy substance, this elegant mahogany red is of unusual brilliance and stunning with its light-to-deep contrast. One of the reddest reds. Each $1.00; 3 for $2.75.

N-3808 CHAMPION IRIS COLLECTION. One ea. of Argus Pheasant, Maytime, Katherine Fay, Jane Phillips; all 4 for $4.50.

N-3809 COMPLETE DELUXE COLLECTION. One ea. of all eight varieties for $7.95.

JAPANESE IRIS (Kaempferi)

The last of the Iris Species to bloom and the most beautiful, their remarkable flowers, generally rather flat and wide, appearing in June and July. Plant in a sunny and moist location, but not where water will stand.

N-3865 DRAGON. Deep velvet red, purple, blend to crimson. Ea., $1.10; 3 for $2.95.

N-3866 SNOWFALLS. Snowy white, ruffled. Each $1.10; 3 for $2.95.

N-3867. BROCADE RIVERS. Soft blue, margin deep violet. Each $1.10; 3 for $2.95.

N-3868 SUNRISE-LIGHT. Orchid pink, trace of blue. Each $1.10; 3 for $2.95.

N-3855 COLLECTION. 1 ea. of above var. $3.95.

DWARF IRISES

Bloom about two weeks earlier, and grow about six to eight inches tall.

N-3845 DWARF YELLOW. 2 for $1.25.

N-3846 DWARF BLUE. 2 for $1.25.

N-3848 DWARF WINE RED. 2 for $1.25.

N-3859. COLLECTION. 2 ea of above, $3.25.

Daylilies—HEMEROCALLIS

The modern Day Lilies have been greatly improved and are now one of the most popular perennials for midsummer bloom. Their lily-like flowers are of wonderful coloring, from creamy yellow to deep orange, pink, red, purple and lovely blends. Perfectly hardy, they require only a minimum of care, and will grow and thrive anywhere, except in very deep shade.

CHAMPION DAYLILIES (Postpaid)

N-2296 HYPERION. 40 in. Finest yellow lemon lily modestly priced. July-August. Fragrant. M. 75c each; 3 for $2.10.

N-2290 PAINTED LADY. 3 ft. Cinnamon over yellow with coral throat with darker veins throughout. High rated. Evergreen. M. $1.25 each; 3 for $3.60.

N-2270 PURPLE FINCH. 42 in. Red-purple with a darker flush above the cup of yellow. Iridescent. M. 75c each; 3 for $2.10.

N-2275 BLACK MAGIC. 40 in. Black-purple with pale chartreuse cup. ML. $1.45 each; 3 for $3.95.

N-2273 SURPRISE PARTY. 34 in. Pale pink. Plant in afternoon shade. $1.25 each; 3 for $3.60.

N-2272 COLLECTION OF 3 CHAMPION DAYLILIES. One each Hyperion, Painted Lady and Purple Finch (value $2.75) for $2.35.

N-2282 COLLECTION OF 5 CHAMPION DAYLILIES. One of all named varieties above. $4.50.

Tropical and Hardy Water Lilies

AQUATIC COLLECTIONS

Oxygenating and Ornamental Aquatic Plants for Aquariums and Pools

No. 1 Collection, $3.25.

Italian Vallisneria	Corkscrew Vallisneria
Sagattaria Natans	Anacharis
Elodia	Water Sprite

No. 2 Collection, $4.75.

Italian Vallisneria	Corkscrew Vallisneria
Sagattaria Natans	Anacharis
Elodia	Water Sprite
Sagattaria Subulatta	Ludwegia
Cabomba	Sword Plants

No. 3 Collection for Outside Pools, $5.95.

Italian Vallisneria	Corkscrew Vallisneria
Sagattaria Natans	Anacharis
Elodia	Water Sprite
Sagattaria Subulatta	Ludwegia
Cabomba	Sword Plants
Water Poppy	Water Ferns
Umbrella Palm	Duckweed

Orders for the above three collections filled only as specified. No split orders accepted. All prices prepaid.

TROPICAL COLLECTION

Two Water Lilies **$4.50** prepaid

(Catalog Value $5.00)

One each MRS. W. R. JAMES (Silvery pink) JUNO (White night bloomer).

HARDY COLLECTION A

Two Water Lilies **$4.25** prepaid

(Catalog Value $5.00)

Our Choice, one each

Rosy Pink Clear White

TROPICAL WATER LILIES

Set out after June 1st in vicinity of Chicago. By August 1st will be in full bloom. Must have warm water and full exposure to sun. All are day bloomers, except Missouri, Juno, Hitchcock, and Rubra Rosea.

AUGUST KOCH. Medium sized lovely lavender flowers. Free flowering. $2.50

BLUE BEAUTY. Huge sky-blue. Most vigorous. $2.75.

FRANCES GRIFFITH. Outstanding royal purple. Best of its color. $2.50.

JUNO. Huge white night bloomer. Very free and fragrant. We urge those who are not at home during the day to try night bloomers for greater enjoyment of the water garden. $2.50.

MISSOURI. Huge white flowers open at night. $2.50.

MRS. GEORGE C. HITCHCOCK. Night blooming pure rose pink of unusual size. $2.50.

MRS. GEORGE PRING. Star-shaped white flowers, free-blooming. $2.50.

MRS. W. R. JAMES. A fine pink. Huge flowers. $2.50.

PINK PEARL. Lovely form of silvery pink, yellow stamens, continuous bloomer. $2.50.

RUBRA ROSEA. Brilliant rosy carmine night bloomer. $2.50.

ST. LOUIS YELLOW. Large pale yellow with pointed petals. $3.25.

HARDY WATER LILIES

This group requires less heat and will bloom earlier in spring. Can be carried over winter by the amateur with some protection. While flowers are smaller, they are borne over a longer season than the Tropicals. Most satisfactory for the average gardener.

ATTRACTION. Garnet red with ruby shading. Finest red. $3.25

CHROMATELLA. Pure canary yellow. Very vigorous and free flowering. $3.25.

COMANCHE. At first of rich apricot hue, it deepens to copper. Its flower is held high above the water like tropical water lilies. $3.25.

ESCARBOUCLE. Brightest crimson and scarlet. Very striking. $3.25.

GLORIOSA. Deep carmine rose. Free and vigorous. $3.25.

HERMINE. A star-shaped white of clear, luminous texture. $3.25.

JAMES BRYDON. Rosy crimson, small growth. Good for tubs. $3.25.

PINK OPAL. Clear pink of vigorous growth. $3.25.

SIOUX. Largest of the sunset tints. Opens brassy yellow, deepens to copper red. $3.25.

SOMPTUOUSA. Large double fragrant flowers of deep rosy pink with contrasting stamens of deep orange. $3.25.

POPULAR AQUATIC PLANTS

*Anacharis	4 for $1.50
*Cabomba	4 for $1.50
Corkscrew Vallisneria	Dozen, $1.25
Floating Elodia	Each, $1.25
Italian Vallisneria	Dozen, $1.25
*Water Fern	4 for $1.50
*Umbrella Palm (shallow water plant)	4 for $1.50
*Water Poppy	4 for $1.50

***MINIMUM ORDER FOUR**

Lily and Aquatic orders accepted until August 1st.

All water lilies and aquatic plants are prepaid with complete cultural instructions included.

ALL NEW FOR '62

S-1737B MODEL HE-15 WESTINGHOUSE DE-LUXE GREENHOUSE. 25 watt heating circuit, thermostatically controlled, is imbedded in molded polystyrene foam base. Includes one bag growing medium and 1 bag of enriched potting soil; 16 page "How To Use" Instruction Book. Base is 14"x16", side panels are 8" high, cover is 3" high. Postpaid for $21.95.

S-1737A MODEL HE-10 WESTINGHOUSE STARTER GREENHOUSE. Same as HE-15, less 8" side panel. Includes one bag growing medium and 16 page "How To Use" Instruction Book. 14"x16"x7" high. Postpaid for $14.95.

NEW PORTA PLANTER

NEW THIS YEAR. THE PORTA-PLANTER.
Start your summer flowers early this year in the new Porta-Planter. The attractive yellow plastic tray can be used over and over again. Be the first to have flowers and fruit in your neighborhood. 3 sizes to choose from. Prices include peat pots, and plastic wrap.

S-1562A (Deluxe with Saucer) Tray holds 12-1¾ sq. pots. Postpaid, 89c, two for $1.69.

S-1562B Tray holds 12-1¾" pots. Postpaid, 69c, two for $1.29.

S-1562C (Jumbo) Tray holds 24-2½" Rd. pots. Postpaid, $2.79, two for $5.25.

VAUGHAN'S VAL PEAT POTS

To prevent transplanting shock, sow seeds directly in Peat Pots. Later, set the plants in the garden, pot and all, without disturbing the roots. Roots grow unchecked, penetrating the molded peat moss pot walls. Used successfully by florists.

No.	Size	Wt. per 100	Postpaid per 100
S-1570A	1¾" Sq.	3 lbs.	$1.98
S-1570B	2¼" Rnd.	3 lbs.	2.29
S-1570C	2¼" Sq.	3 lbs.	2.89
S-1570D	3" Round	4 lbs.	3.49
S-1570E	3" Sq.	5 lbs.	4.29
S-1570F	4" Std. Rnd.	6 lbs.	7.50

S-794 RAIN GAUGE. Measures from .10 to 5 inches of rainfall or lawn sprinkling. Can be mounted on the ground or on a post. All plastic. Easy to read Wedge-type construction considered most accurate. Postpaid for $1.98.

ANYONE CAN AFFORD THIS GREENHOUSE

MERRY-GRO GREENHOUSE—for the economy minded gardner. Merry-gro provides the ideal, easily controlled conditions of a miniature greenhouse, for speediest magic-like growth of all seeds and cuttings. Compact—can be placed on a window sill. Scientifically designed planting tray is supplied with each greenhouse. Each planting tray can be adjusted to make from 4 to 24 independent sections.

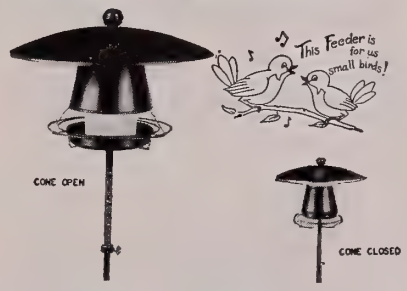
S-1745A Complete unit prepaid for $4.98.

S-1745B Extra planting trays $1.89. Postpaid

PRESERVE YOUR PRIZE FLOWERS

S-688 MURIAL LANE FLOWER PRESERVING KIT Kit contains Perma-Dri, Perma dip, wire, floral tape and complete instructions. Preserve your prize flowers this season. Postpaid for $9.95.

FEEDS THE SMALL BIRDS



S-880 ANIMATED BIRD FEEDER. Give the small birds a chance. With this unique feeder you can eliminate large birds and squirrels. When a large bird lands on the perch, the weight of the bird closes the cone. Feed is not available. When bird leaves, the cone opens. Spring can be adjusted. Hopper holds 2½ lbs. of food. Complete with six foot pole. Postpaid for $9.50.

WATER BUBBLES

S-726 Screw this durable aluminum head on hose. Place it—leave it. Waters deep and fast. No wash—no waste—never clogs. Does away with wet foliage. Built to last—no moving parts. Baffles inside give perfect performance. Prepaid $1.69.

S-744 HOSE GUIDE. Protect your flowers and bushes from your hose. Guides you hose while you sprinkle. Easy to install. Never needs to be removed. Does not interfere with lawn and garden care. Postpaid for $1.29.

S-1377 MER-MADE FISH EMULSION. A fish fertilizer. Analysis 5-5-2 with Chelating additive. Entire Product 100% organic. Pleasantly Scented, No offensive odors. 8 oz., 85c; Quarts, $1.95; Gallons, $6.00, all postpaid.

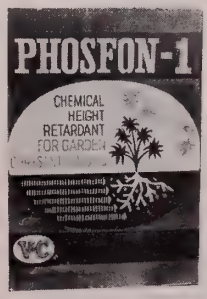
S-931 SNAKE-STOP. A granular material which is sifted onto the ground. One lb. covers 420 sq. ft. Snakes will not stay in (and seldom will enter) treated area. Snake-Stop also kills snakes with only brief contact. It is harmless to children, pets in prescribed application. 1 lb. Postpaid for $2.50.

S-689 PLASTIC COATED FLORAL NETTING. Just what florists use to arrange flowers. Makes excellent fence for climbing plants. 12" wide and 8 ft. long. Postpaid for $1.00.

S-930 JET SPRAYER. Eliminate stinging insects like Bees, Wasps, Hornets, and Yellow Jackets. This sprayer shoots a solid stream 12 feet or more. Direct Jet Spray directly into the nest. Postpaid for $1.89.

ATTENTION MUM GROWERS

VARIETY HUNTSMAN
Treated **Untreated**



S-310 PHOSFON "1" A new product of research. Now you can grow mums and have them short. Phosfon 1 has been used by commercial growers and is now available to the home gardener. See photo. Material enough to treat 20 plants postpaid for $1.00.

To Make Gardening Easier

SUDBURY SOIL TEST KITS

—Easy to Use No Knowledge of Chemistry Required

The Cheapest form of Garden Insurance

S-635 HOME GARDENER (MODEL D). A 20-test kit—Tests for nitrogen, phosphorus, potash and acidity—giving all essential information to produce maximum crops. Complete with instructions and data on plant needs. Each postpaid $4.25.

S-632 POPULAR GARDEN (MODEL C). Makes 50 individual tests for nitrogen, phosphorus, potash and acidity. Cased in attractive plastic box. Complete instructions. Helpful chart shows need of lawn grasses, 75 flowers, 50 vegetables each postpaid $7.30.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires **S-638B** No. 2 and **S-638C** No. 3 to make Nitrogen Tests. **S-638D** No. 4 and **S-638E** No. 5 for Phosphorus Tests and **S-638F** No. 6 and **S-638G** No. 7 to make Potash Tests, therefore when ordering, please order two numbers. **S-638A** Lime; 2 oz. bottle, each postpaid $1.50; 6 oz. bottle, each postpaid $2.70.

SUDBURY TAILOR MADE FERTILIZER. Now you can get units of Nitrogen, Phosphorus, or Potash. Each unit in separate plastic bag. Makes it easy to add the unit in which your soil may be deficient. Each in 1 lb. bags contains 40% of soluble plant food. When ordering specify the unit desired. **S-618** Nitrogen **S-619** Phosphate **S-620** Potash. Price each 98c; postpaid. Three packages postpaid for $2.90.

S-1580 HOTKAPS. Completely protects plant from frost, storms, wind, sun and insects. A sturdy little "greenhouse" made of glastex paper. Gain as much as 3 weeks in ripening crops. Increase yields.

HOME GARDEN PACKAGE OF 20 HOTKAPS and SETTER, postpaid $1.25.

CARTON OF 100 HOTKAPS WITH FIBREBOARD SETTER, postpaid $5.20.

CARTON OF 250 HOTKAPS WITH FIBREBOARD SETTER, postpaid $8.50.

CASE OF 1000 HOTKAPS for $27.50 prepaid.

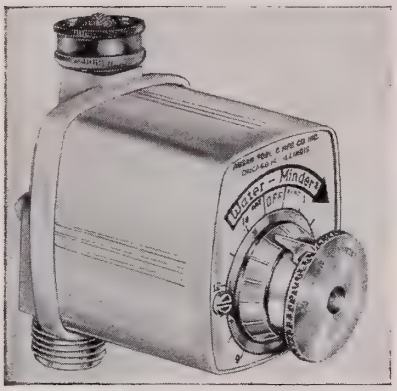
S-1581 STEEL HOTKAP SETTERS ea. $2.45, postpaid. Fibreboard Setter ea. 25c, postpaid.

Cultivator for Lawn

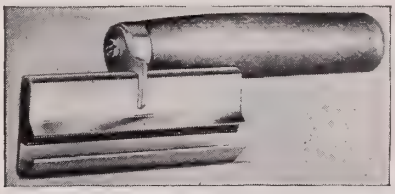
S-1645 VAUGHAN'S LAWNOVATER. A lawn cultivator is needed for many jobs, foremost of which is reseeding of bare spots. It can increase the germination of grass 50% to 75% if you sow the seed, then roll the lawnovater back and forth over the surface, to insure good cover.

It is also an efficient cultivator for soil beneath shrubs and perennials where it breaks the soil crust without injuring the roots that grow near the surface. Each $5.80, postpaid.

S-1604 ROTARY CULTIVATOR. The Newest garden tool on the market. Rotary Cultivator takes the hoe out of hoeing. The use of this tool greatly reduces the time and labor necessary for cultivating. Every good gardener will have one. Only $4.98, Postpaid.



S-796 WATER MINDER. The scientific way to water your lawn. Attach the water minder between your faucet and the hose and let it measure the water you put on your lawn. Set the dial and the water-minder will turn off the water for you. No clocks to go wrong. The water you save will pay for the Water Minder. Postpaid for $7.95.

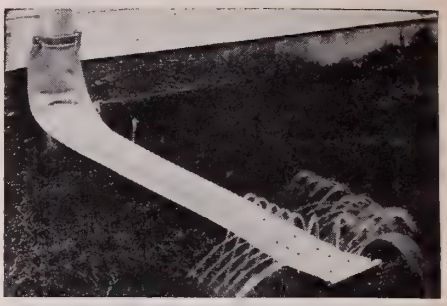


S-1004 GAY BLADE. Keep your rotary mower sharp this year. Sharpens your Rotary mower in 30 seconds. A sharp mower means a better looking lawn. Postpaid for $1.98.

S-135 Made of imported leather processed to make it pliable as kid and washable. Sizes for women, Small, Medium, Large, postpaid $1.85; for men, Medium and Large, postpaid $1.85; a pair.

KNEE PADS

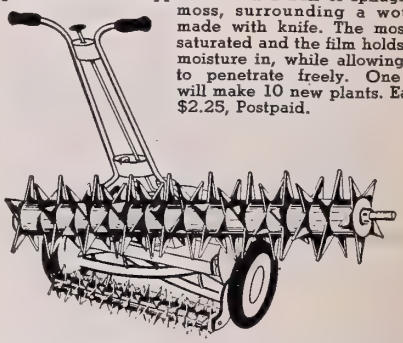
S-1045A All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down. Price, postpaid, $2.35.



S-743 DOWN SPOUT-O-MATIC. When it rains it uncoils, automatically recoils when the rain stops. Easy to install. Made of Heavy long life vinyl. Fits any downspout. Postpaid for $4.98.

MULTIPLY COSTLY PLANTS

S-1114 AIRWRAP KIT. Costly magnolias, roses, blueberries, azaleas or any woody plants can be induced to form roots on a selected stem. Once rooted the stem can be cut off and planted. Airwrap plastic film is wrapped around a ball of sphagnum moss, surrounding a wound made with knife. The moss is saturated and the film holds the moisture in, while allowing air to penetrate freely. One kit will make 10 new plants. Each, $2.25, Postpaid.



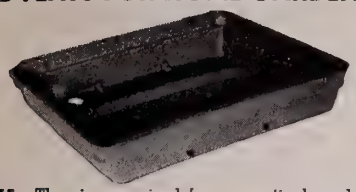
ROSS REVIVA-TURF AERATOR. This Aerator replaces the roller on any real type mower. Easy to install. Aeration makes grass more vigorous, permits oxygen and moisture to enter the soil.

S-1003A	Model TA116 16 inch	$ 7.50
S-1003B	Model TA118 18 inch	$ 8.25
S-1003C	Model TA120 20 inch	$ 8.95
S-1003D	Model TA121 21 inch	$ 9.50
S-1003E	Model TA122 22 inch	$10.50

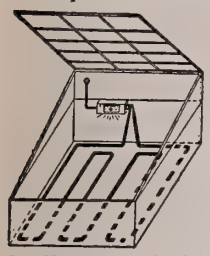
S-719 WATER BUBBLER MODEL T-4. Attaches to any outdoor faucet. Safe, convenient and sanitary. Handy Squeeze Bar makes on-off action easy. Will not Rust. With the Water Bubbler you can stop running in the house with muddy feet from the garden. Kids love it. Prepaid for $3.95.

Seed Sowing Needs and Equipment

SEED FLATS FOR HOME GARDENERS



S-1575 The size required for a practical seed flat is combined with lightweight and economy in this sturdy water-proof and durable flat of thick, moulded, impregnated fibre board. Do not confuse it with the too-small, flimsy type which may have disappointed you. Measuring 10 x 12 inches, it is 2⅜ inches deep, adequate for plant bands. It weighs 4 ounces empty, is easy to handle when full of soil, and will last unimpaired through the growing season. It comes to you clean, free from insects and disease, and ready to use. Price per carton of 10 flats, postpaid $3.35.

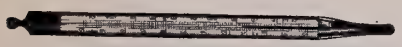


GRO-QUICK Electric Seed Bed Heater

Soil heating cable with built-in 70 deg. fix temp. soil thermostat. A convenient method of heating hotbeds and cold frames for early seed starting. Full instructions included. With care will last for years. All cables 115 volt.

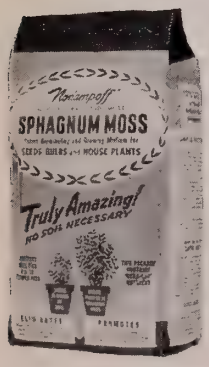
Cat. No.	Model No.	Retail
S-156A	P34T for approx. 12 sq. ft.— 114 watts	$4.95 Postpaid
S-156B	J49T for approx. 18 sq. ft.— 160 watts (Use two of these units in a double sash bed)	6.45 Postpaid
S-156C	A6—15 watt—6 ft. CABLE ONLY for 1½ sq. ft. of flat area (use more for larger areas). Insure sure fire starting of valuable seeds.	2.10 Postpaid
S-156D	S98T—98 foot, 330 watt soil heating cable with built-in 70 deg. fixed temperature soil thermostat suitable for a double sash bed. For larger beds order additional cables.	9.95 Postpaid

TAYLOR HOTBED THERMOMETER MODEL 5703



S-103 All glass, each, $3.25 postpaid.

SPHAGNUM MOSS



S-1755 NODAMPOFF SPHAGNUM MOSS. Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 10 oz. pkg., postpaid $1.15. 2 bushel bag, postpaid $4.95.

S-1129 ALUMINUM COLD FRAME. This quality frame is covered with plastic windows. It will not rust, rot, and needs no paint. Ideal for starting seed in the spring. Excellent gift for the gardener. Easy to assemble. Size: 36"W x 42"L; Height, 12" back and 8" front. Ship Prepaid for $17.50.

ROW SEEDER FOR SMALL GARDENS

S-1142 PLANT-RITE ROW SEEDER. First practical seeder for small gardens, easy in every adjustment and use. Pour seeds into container, dial proper spacing, set feeder and roll down the row, walking upright. Tubular steel handle with rubber grip, die-cast seed container and row wheel. Proper spacing saves seed waste and reduces thinning labor. Overall length 40 in. Shipping weight 2 lbs. Each $4.95, Postpaid.

Indoor Greenhouse

Crystallite Indoor Greenhouse. 2 ft. long, 2 ft. high, 18 inches wide. Atmosphere within it is kept constantly moist by water lifted from a pan below by a wick. A crystal clear vinyl covering in a polished aluminum frame admits light and retains moisture. A fluorescent light (optional) controlled by an automatic timer (optional) gives accurate timing for growing plants sensitive to the length of day. Seeds, tubers, african violets, gloxinias, begonias, orchids, and many more difficult plants can be grown.

S-1127A Complete as illustrated, with wick-fed watering and 2 pt. reservoir, shipping weight 5 lbs., prepaid, $14.70.

S-1127B Fluorescent light assembly, shipping weight 5 lbs., prepaid $9.70.

S-1127C Automatic daily repeat light timer, prepaid $10.45.

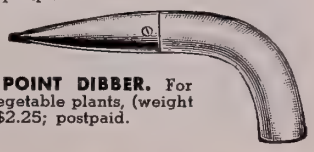
All three of above, shipping weight 12 lbs. Prepaid $33.95.

S-725 FOGG-IT NOZZLE. Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has ¾" connection. Available in 1 gallon per minute (Superfine) 2½ gallon (low volume); 5 gallon (high volume); Specify model, ea., $1.95; postpaid $2.05. 3 for $5.50; postpaid $5.70. Specify model wanted.

NO. 400 WATER BREAKER

The "400" Water Breaker

S-722 This breaker is the answer to the florist's problem for an all purpose watering gadget. It will do most any watering job. This breaker has 400 ½ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. ¾ inch connection. $2.10, postpaid.



S-1072 STEEL POINT DIBBER. For transplanting vegetable plants, (weight 10 oz.). Each $2.25; postpaid.

START YOUR PLANTS EARLY IN A SCIENTIFIC SEED TRAY

S-1144 MOIST RITE SEED TRAY. It is fun to start seed in an indoor seed tray. It also permits you to select varieties from the thousands listed in this catalogue, and grow them for a fraction of what seedling plants would cost.

The Moist-rite Seed Starter, illustrated, is 2 ft. long, by 1 foot wide, and 3 inches deep. It is moulded of heavy plastic, and firmly upheld by an iron stand to give room for a 2 pint reservoir below it.

Two fibre glass wicks are supplied, which when inserted in two holes provided for this purpose will lift water from the reservoir to moisten the soil in which seed is sown, or small plants set out. As long as there is water in the reservoir, the soil will remain moist.

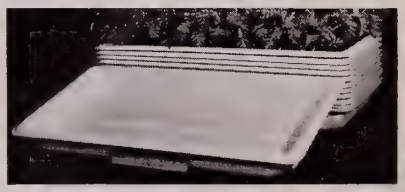
The tray can hold 50 2-inch plant bands, which will be watered by the wicks if set on a cushion of soil covering the bottom of the box.

This tray will not be out of place in a living or dining room window, which gets winter sunshine, or a north window which enjoys the light reflected by the northern sky. Winter will seem shorter and your plants will cost much less than seedlings purchased in the market. Seed Starter without bands. Each, $4.75 postpaid to the third zone (600 miles). Add 45 cents if beyond the third zone. If desired, package of 50—2 inch plant bands for 85c, postpaid.

S-1446 SIEVES. For sifting soil. 18 inches in diameter, sizes ⅛, ¼, ⅜, and ½ inch. Specify size when ordering. Each, postpaid, $4.85.

S1131 PLASTIC SEED SOER. Seeds visible as sown. Will sow any seed from peas to petunias. Each 29c postpaid.

PERMANEST PLASTIC PLANT TRAYS



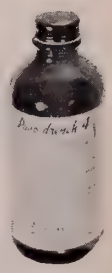
For home growers. Made of thick polystyrene. They are easy carrying, lightweight but sturdy. One tray will outlast 10 wood seed flats. Controlled drainage—drill out drain embossments as desired. Ideal for starting flowering plants and vegetable indoors. Will never rot or rust. Sold in original cartons only. Color light green only.

S-818C 12 x 8 x 2¾, per carton of 12, postpaid $7.50.

S-818D 22 x 11 x 2¾, per carton of 6, postpaid, $12.50.

S-818E 13x15x3½, per carton of 6, postpaid for $12.50.

PROFESSIONALS USE THIS DRENCH TO STERILIZE SOIL



S-388 PANODRENCH. With one teaspoonful of this liquid mercury in three gallons of water you can sterilize soil in which you are going to start plants indoors. Used to control damping off. Outdoors it can be applied to a seed bed with a sprinkling can or sprayer. 1 oz. bottle, $2.10, postpaid. 4 oz., $6.10, postpaid. 16 oz., $19.50, postpaid.

Vaughan—Garden Chemicals for All Your Insecticide, Fungicide, and Herbicide Problems

WEED KILLERS

S-1330 VAUGHAN'S SUPER SODAR. Pt. $1.79, Qt. $2.95, Gal. $9.75.

S-1315 VAUGHAN'S LIQUID K.O. Pt. $2.35, Qt. $3.95, Gal. $12.95.

S-1317 VAUGHAN'S LAWN WEED KILLER. 8 oz. $0.90, Qt. $2.75, Gal. $6.75, 5 Gal. $30.00.

S-1301 VAUGHAN'S CHICKWEED KILLER. Dry. 10 oz. canister, $0.97.

S-1302 VAUGHAN'S BENT GRASS AND CHICKWEED KILLER. 8 oz. $1.69, Pt. $2.98.

S-1310 VAUGHAN'S CLOVER KILLER. 8 oz. $1.25, Qt. $2.98, Gal. $7.75, 5 Gal. $34.75.

S-1341 VAUGHAN'S LIQUIDATE. Pt. $0.98, Qt. $1.75, ½ Gal. $3.15, Gal. $5.70.

FUNGICIDES

S-1340 VAUGHAN'S FORMULA Z. 8 oz. $3.50. 5 lb. $24.75.

S-1320 VAUGHAN'S ROSE FUNGICIDE. 6 oz. $1.79, 12 oz. $3.29.

INSECTICIDES

S-1322 VAUGHAN'S ROSE DUST. 8 oz. Pump Gun $1.19, 1 lb. $1.49, 4 lb. $4.49.

S-1335 VAUGHAN'S TOMATO AND VEGETABLE DUST. 8 oz. Pump Gun $1.00.

S-1305 VAUGHAN'S 45% CHLORDANE. 4 oz. each $0.75, 8 oz. $1.10, Pt. $1.85, Qt. $2.95, Gal. $10.50.

S-1307 VAUGHAN'S 74% CHLORDANE. Pint $3.49, Qt. $5.29.

S-1308 VAUGHAN'S INSECT SPRAY. 4 oz. $0.89, 8 oz. $1.59, Pt. $2.89, Qt. $4.98.

S-1309 VAUGHAN FRUIT TREE SPRAY. 12 oz. $1.25.

S-1344 VAUGHAN'S ANT POWDER. 1 lb. ea. $0.65.

S-1342 VAUGHAN'S EVERGREEN SPRAY. 8 oz. $1.59, Pt. $2.89, Qt. $4.98.

REPELLENTS

S-1343 VAUGHAN'S ANIMAL REPELLENT ROPE. 100 ft. $1.85.

For Complete Information on Above, See Index.

VAUGHAN'S REDI-MEASURE PRODUCTS

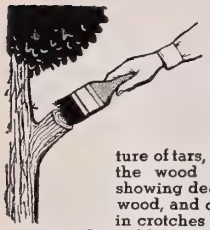
A new and easy way to use garden chemicals. Each package contains enough material to make one quart of ready to use spray. Just empty the contents of the package into one quart of water and you are ready to spray. Each package contains 12 redi-measured packages.

The following products are available in easy to use Redi-Measure packets.

S-1317R Vaughan's Lawn Weed Killer
S-1310R Vaughan's Clover Killer
S-1330R Vaughan's Super Sodar
S-1315R Vaughan's Liquid K.O.
S-1308R Vaughan's Insect Spray
S-1302R Vaughan's Bent Grass and Chickweed Killer.

Container of 12 Redi-Measure Packets. All one product for $0.89.

VAUGHAN'S REDI-MEASURE SPRAYER. Just what you need for the Redi-Measure Products. Nozzle adjusts from fine mist to straight stream. Get one for weed killer and one for insecticides. Each $2.49. Two for $4.50.



S-403 VAUGHAN'S TREE WOUND DRESSING. Whenever the bark of a tree is cut, fungi which cause decay may attack the wood. This mixture of tars, oil and fungicide will protect the wood from infection. Old injuries showing decay should be cleaned to live wood, and covered. Apply dressing freely in crotches which show decay. Pt., $1.25, postpaid; 1 qt., $2.10, postpaid; 1 gal., $6.35, postpaid to 4th zone.

S-626 HY-GRO ORCHID FOOD. This soluble plant food is especially formulated for orchids. Recommended by commercial and private growers. One teaspoon makes a full gallon. 1 lb. Postpaid for $1.49.

S-610 FULTON'S PLANT-ABBS. Odorless plant food in tablet form, supplies a completely balanced plant food including Vitamin B-1. Per box of 50 tablets, 39c, postpaid; box of 90 tablets, 59c, postpaid; box of 200 tablets, $1.00, postpaid. Large size approximately 1,000 tablets, $3.50, postpaid.

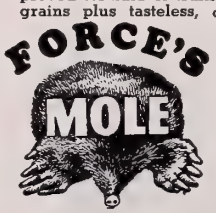
S-552 GARDEN LIFE SOLUBLE PLANT FOOD. Marvelous for Transplants. Very high analysis 10-52-17. Garden Life is completely soluble. You will be amazed at how fast plants take off and start to grow. Free measure in each package. For African Violets, too.

14 oz. Postpaid for.....$1.00
2 lbs. Postpaid for..... 2.25
5 lbs. Postpaid for..... 5.00

S-922 DOG-CHECK AEROSOL BOMB. Contains 12 oz. The guaranteed dog and cat repellent. Easy to apply. Each $1.65, postpaid.

S-918 RIDZ DOG REPELLENT. For Outdoor Use. Aerosol bomb, contains 10 oz.; no mixing. Easy to apply. Touch of your finger applies it where you want it. Price each $1.65, postpaid.

S-902 FORCE'S MOLE KILLER. Recognized for over 37 years . . . now an improved formula of fruits, vegetables and grains plus tasteless, odorless Arsenic Trioxide. Tempting to moles . . . a quick, deadly killer. Bite size pellets . . . easy to use and very effective. 1½ oz. packages for 60c, postpaid; 4 oz. package for $1.15, postpaid. 1 lb. package for $3.25, postpaid.



S-926 GOPHER GASSERS, QUICK DEATH TO MOLES, GROUND SQUIRRELS, RATS. Woodchucks and many other destructive burrowing animals. Easy and safe to use—simply light fuse and insert cartridge into holes and runways. TOXIC GASES kill rodents by suffocation and poisoning. Use 1 cartridge every 10 to 15 feet. Price, package of 6 cartridges, $1.10, postpaid.

S-932 NIBONEX-NO-NIB'L RABBIT REPELLENT. A formulated chemical material that repels by taste and therefore has an active repellency over a longer period than odor repellents. Can be applied as dust from sifter-top can, or mixed with water and sprayed on plants . . . 6-ounce can will make 2½ gallons of sprayer solution when mixed with water. Harmless to rabbits and plants. 6 ounces effectively treats 300 feet row crop. 6 oz. can for $1.45, postpaid.

S-938 ROOST NO MORE ends bird nuisance. Roost No More is a harmless chemical compound that birds find unpleasant underfoot. It does not harm the birds in any manner, it merely causes them to find a new roosting spot.

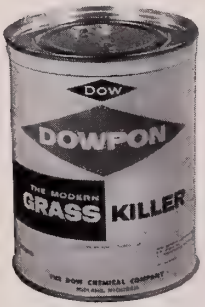
Roost No More is odorless to humans, non-toxic, non-inflammable, and weatherproof. One treatment, properly made, will last approximately one year under most weather conditions. Because birds are creatures of habit, they seldom return to an area they have vacated for a year. 14 oz. Aerosol Bomb, each postpaid $2.70.

Giberellic Aerosol Bomb

WONDER-BREL. FORTIFIED Gibberellin plant growth stimulant. Makes plants grow to giant size; produces rapid turf growth; breaks dormancy of seeds, leaf and flower buds; makes plants grow bigger, mature and bloom earlier. Contains Merck's Giboel.

S-542 6 oz. aerosol bomb for $1.25, postpaid.

S-544 15 oz. aerosol bomb for $1.98, postpaid.



S-964 DOWPON—THE MODERN GRASS KILLER. An excellent control for perennial grasses such as Bermuda, Quack, Johnson and Blue Grass and annuals like Water Grass, Wild Oats and Foxtail. Exterminates them in driveways, flagstone and other walks, patios, tennis courts, asparagus beds, gardens, Dichondra Lawns and near fences and buildings. Controls Cattails in ponds and lakes.

Made by the Dow Chemical Company, known for so many chemical products that have improved our standard of living. Just mix the powder with water and apply in sprayer or sprinkler. 1-lb. Covers over 2500 sq. ft. $2.60, postpaid; 5 lbs., $7.25, postpaid.

All Prices Subject to Change Without Notice.

DID YOU KNOW THAT . . .

If you place an order $2.00 or more you will automatically receive next season's catalog.

Plant Hormones

TRANSPLANTONE

S-649 The hormone vitamin starter. Reduces wilt and loss when transplanting. TRANSPLANTONE helps grow new roots and reduces loss of water so the plant starts growing again in a much shorter time.

Use TRANSPLANTONE in the garden for transplant annuals, perennials and shrubs. ½ oz., pkt. 35c, postpaid; 3 oz. can, $1.25, postpaid; 1 lb. can, $4.00, postpaid.

IMPROVED ROOTONE WITH FUNGICIDE

S-648 ROOTONE now contains the 3 best hormones for rooting cuttings. This long trusted standby of gardeners everywhere is even better, quicker, surer in its results than ever. That's because indole butyric acid has been added to an already successful formula.

Now you can root with confidence an even wider range of cuttings, knowing they'll put out strong, healthy roots faster and surer than ever. Added fungicide controls damping-off and other soil-borne diseases.

ROOTONE treated grass seed gives a much quicker, heavier stand of grass. Gives a thicker, drought-resisting turf, the first season.

Price, ¼ oz. pkg., 35c, postpaid; 2 oz. jar enough to treat 3,000 cuttings, $1.25, postpaid; 1 lb. jar will treat up to 30,000 cuttings, $5.00, postpaid.

FOR SLOWER ROOTING VARIETIES

S-647 ROOTONE No. 10 is more than twice the regular strength. We recommend it for such slow-rooting varieties as: Arbor vitae, cypress, fir, hawthorn, Japanese cedar, juniper, hemlock, oak, pine, rhododendron, spruce and yew. ROOTONE No. 10 is especially effective on azalea, camellia and philodendron.

2 oz. jar, $2.25, postpaid. 1 lb. can, $10.00, postpaid.

HORMODIN POWDERS

Stimulate Root Growth on Cuttings.

S-640 POWDER No. 1. The general purpose powder designed for the home gardener who propagates popular varieties as roses, carnations, poinsettias, some species of shrubs, and most home, garden, and greenhouse plants.

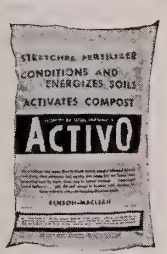
Price, 1¾ oz. pkg., each, 80c, postpaid; 1 lb., Ea. $4.80, postpaid.

S-641 POWDER No. 2. Prepared specially for propagating many woody and semi-woody types of plants, including some evergreens.

Price 1¾ oz., $1.20 ea., postpaid; 1 lb., $7.00 postpaid.

S-642 POWDER No. 3. Prepared specially for propagating the more difficult-to-root varieties, including many of the evergreens and dormant leafless cuttings. Price, 1 oz., $1.60, postpaid; ½ lb., $7.00, postpaid.

S-643 COMBINATION PACKAGE OF No. 1-2-3. For $1.20, postpaid.



S-628 ACTIVO. Make your own fertilizer easy, in as little as three weeks. Just sprinkle Activo on kitchen waste, leaves, garden rubbish, sewage sludge, etc. Sprinkle in outdoor toilets reduces odors, makes easily handled ash of waste. No. 2 size, $1.70, postpaid; treats 450 lbs. compost; No. 7 size, $3.25, postpaid; treats up to 1800 lbs.

RA-PID-GRO

S-1420 RA-PID-GRO. All-Soluble Plant Food. Analysis 23-21-17. For African violets, house plants, gardens. Complete instructions on each package. 6 oz., 55c, postpaid; 8 oz., 85c, postpaid; 1 lb., $1.49, postpaid; 2 lbs., $2.75, postpaid; 5 lbs., $5.10, postpaid; 10 lbs., $9.50, postpaid.

S-195 FLORALIFE. Makes your cut flowers live longer. Pkt. to make 1 qt. solution, each, 10c; three pkts. for 25c, postpaid. Home size tin makes 30 qts., each, 98c, postpaid; 100 qt. size, each, $2.98, postpaid.

S-1422 PLANT MARVEL. Pure, Rich Plant Food is a scientific blend of 12% nitrogen, 31% phosphoric acid, 14% potash, Vitamin B-1, mineral and trace elements in a form that dissolves quickly and completely in water. Use it indoors or outdoors. Grows plants in water, sand, or soil. ½ lb. can ea. 98c, postpaid; 1 lb. can ea. $1.59, postpaid; 2½ lb. can ea. $3.15, postpaid; 5 lb. ea. $5.20, postpaid; 10 lb. drum, ea. $9.50, postpaid.

S-312 FERMATE. Fungicide gives improved control of plant diseases, with safety to all plants. Reliable specific for black spot on roses, leaf spot on chrysanthemums, snap-dragons rust, anthracnose of tomatoes, and brown rot of cherries. For use against all fungi and mildews. 9 oz., postpaid, $1.45; 2 lbs., postpaid for $2.75.

S-503 ACME WETTABLE DUSTING SULPHUR. An improved dusting sulphur recommended to control Mildew, Leaf Spot, Black Spot, and Rust on rose bushes, chrysanthemums, snapdragons and other foliage, also Red Spiders on Evergreens. For Garden and Lawn use. 2 lb. shaker top carton, 98c, postpaid.

S-519 BORDEAUX MIXTURE. Standard Copper Fungicide. Controls many diseases of fruit trees, grapes, potatoes, flowers and shrubs. Repels leafhoppers and flea beetles. Lb., $1.20, postpaid; 4 lbs., $2.45, postpaid.

S-520 ACME GARDEN GUARD. 1% Rotenone, safe on garden vegetables. In 1-lb. shaker top cans. Each, 80c, postpaid; 4-lb. pkg., $2.00, postpaid.

S-515 ARSENATE OF LEAD. (Dry). 1 lb. carton $1.00, postpaid; 4 lbs., $2.00, postpaid; case of 48 lbs., $20.00 plus freight charges.

KILLS ALL LIFE IN SOIL

S-360 Vapam Soil Fumigant. All living things in soil, including seeds, fungi and insects, are killed by this fumigant, which simplifies the home gardener's task of preparing soil for seedlings, etc. Two weeks after treatment, it is safe to sow the crop. A sprinkling can is the only equipment needed. 1 gal. will treat 400 square feet. Price, 1 gallon jug, each $5.60; 5 gallon drum, for $24.25. **1 gallon jug & 5 gallon drum shipped express collect.**

GRAFTING WAX

S-660 Has many uses unexcelled for use in painting cuts, and bruises, and after trimming also for grafting and budding. ¼ lb. bar, postpaid 60c; ½ lb. bar, postpaid 90c; 1 lb. bar, postpaid $1.25.

S-391 SNAROL MEAL. Contains metaldehyde, the best slug and snail killer known. Lures slugs and snails from plants and kills fast. Available in meal and pellet form. 1 lb., 80c, postpaid; 2½ lbs., $1.40, postpaid; 6 lbs., $2.75, postpaid. **S-390—PELLETS.**

To Make Soils More Acid

S-970 SEQUESTRENE 330 Fe Iron CHELATE. A DTPA iron chelate containing 10.5% iron metallic for correction of iron chlorosis in azaleas, roses, rhododendrons, pin oaks and other ornamentals, turf, and fruit trees, including apples, pears, peaches, growing in alkaline or slightly acid soils. It may be applied as a soil treatment or in foliage sprays.

For roses, mums, gardenias, gladioli, snaps, etc., use 2 to 4 ounces per 100 square feet. For trees, and large woody shrubs, use 1 to 2 oz. per inch of trunk diameter as a soil drench. 4 oz. package for $1.25, postpaid; 1 lb. package for $3.30, postpaid; 5 lbs. for $9.30, postpaid.

S-461 DU PONT DORMANT AND SUMMER SPRAY OIL

A newly developed special oil that can be used both as a dormant oil spray and also during the growing season. Excellent control for hard to kill scale insects. Contains Malathion for added insecticidal value. 16 oz. bottle, $2.45, postpaid.

S-532 SCALECIDE. A complete dormant spray for fruit trees, shade trees and ornamentals. Controls scale and invigorates growth. Use 1 gal. to 15 gals. water. 1 pt., $1.15, postpaid; qt., $1.65, postpaid; gal., $3.95, postpaid; 5 gals. $13.50; 15 gals., $27.75; 30 gallon drum, $45.00; 55 gal. drum $71.50 f.o.b. Chicago. No charge or deposit on drums.

S-960 MAGIC STUMP REMOVER. Pour a minimum of 4 oz. of Stump Remover in each vertical hole and fill with water. Let stand for 4 to 6 weeks. Then fill holes with kerosene or fuel oil. After this is completely absorbed apply enough additional kerosene or fuel oil to ignite. The stump will then burn with a red glow until the stump and roots have turned to ashes. 8 oz. Can (enough for one stump), $1.65, postpaid. 16 oz. $2.75, postpaid. 3 lbs., $5.40, postpaid.

S-952 NEW TRI-OGEN, '3 IN 1' ROSE SPRAY. Now available for Rosarians as a COMPLETE, ALL IN ONE liquid Spray, formulated with amazing new chemicals that will give guaranteed control of BLACK SPOT, POWDERY MILDEW, SPIDER MITES and other INSECTS injurious to Roses. No pre-mixing required—just add to water and spray fungus, mites and insects away. 8 oz. size makes 6 gal. spray for only $2.10, and the pint size makes 12 gals. for just $3.45. Quart size, $5.50, postpaid. ½ gals. for just $9.75. Gals., $18.00 Prepaid.

S-950 TRI-O-GEN 3 WAY ROSE SPRAY KITS.- Combined spray treatment fungicide-insecticide and plant stimulant. A complete protection against plant insects and diseases. E, kit trial size, $2.20; postpaid; A, small kit, makes 16 qts., $3.00 ea., postpaid; B, medium kit, makes 64 qts., $6.85 ea., postpaid; C, large kit, makes 32 gals. $11.00 each, postpaid; D, estate kit, makes 128 gals., $38.50 Prepaid.

S-512 ACME 50% MALATHION SPRAY. Safe type phosphate spray. Controls aphids, mites, mealy bugs, scale and many insects attacking flowers, vegetables, evergreens, ornamentals, fruit and shade trees. Also useful as a fly and mosquito control. 1 oz. 50c, postpaid; 4 oz., $1.19, postpaid; 8 oz., $1.89, postpaid; pint $2.89, postpaid; 1 qt. $4.39, postpaid.

RED SPIDER REMEDY

S-250 ARAMITE. Miticide controls RED SPIDER, other mites on evergreens, roses, nursery stock, flowers. 4 oz. $1.10, postpaid; 12 oz. $2.10, postpaid; 4 lbs. $5.10, postpaid.

S-434 SEMESAN. The universal seed disinfectant. 4 oz., postpaid $2.65; 12 oz., postpaid $6.25.

S-943 SPERGON SEED PROTECTANT. Kills the soil fungi and bacteria which cause damping off. 5 oz. each $1.85, postpaid. 1 lb., $2.65, postpaid.

S-944 SPERGON GLADIOLUS DUST. Controls thrips & Corm decay. A dust containing spergon and D.D.T. to be applied to corms before planting, or storage in Fall. Also Tulips, Narcissus and Iris. 2 oz. each postpaid 60c; 8 oz. each postpaid $1.85. 1 lb. each postpaid $3.25; 5 lbs postpaid $6.65.

S-928 FUMI-SOIL CAPSULES. Pure Ethylene Dibromide Fumigates soil. Kills Root-crippling pests, such as Ants, Nematodes, Wireworms, and other in-the-soil pests. "Just drop a capsule." Per package of 24 capsules, $1.55, postpaid; pkg. of 100 capsules, $4.15, postpaid; pkg. of 200 capsules, $7.15, postpaid.

S-945 TREE TANGLEFOOT is a non-drying sticky compound. It is applied as a band to completely encircle the trunks of trees, thereby preventing climbing insects from reaching foliage, buds or fruit. TREE TANGLEFOOT is used in the same way banded around the spurs and canes of vines, or stems of shrubs or plants. Price, 6 oz. tube, ea. $1.15, 12 oz. Aerosol, $2.25; 1 lb. can, $1.75; 5 lbs., $7.50. Prices postpaid.

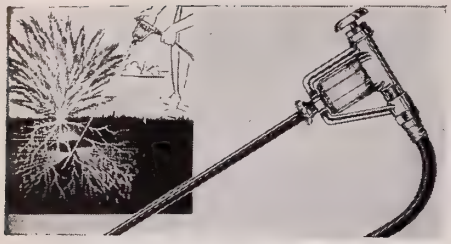
S-974 BORGO—KILLS TREE BORERS

Tree boring insects have long been a problem. They have caused much disfiguring, devitalizing and killing of prized trees. But now Borgo offers a positive curative method for controlling them. Not complicated to use, you simply paint Borgo on the Bark of the tree or spray on limbs etc. No mixing required. Penetrates and kills all borers . . . in, on and under the bark to a depth of 2½ inches. Effect is lasting; even kills the eggs. Usable on almost all broadleaf and evergreen trees and shrubs.

Borgo is harmless to foliage and other plant tissue. Does not cause spotting. It is safe for humans to handle. Has no odor, is clear and nonstaining . . . important when used near buildings. Borgo's effectiveness has been proven in recognized professional landscape nurseries over a period of 7 years. Economical in use, one quart rids a 4-inch diameter tree of borers.

15 oz. Aerosal $2.35; Quart, $2.50; Gallon, $8.50, postpaid.

Garden Tools and Accessories



S-1093D NEW MODEL R ROSS ROOT FEEDER. Has triple duty Cartridge Chamber. Holds 1, 2, or 3 cartridges. When water is applied to the soil surface it does not sink in, but stays at the top until the soil there is saturated. It takes lots of water eventually to reach the root area of trees, shrubs, and other deep rooted plants. With the Ross Root Feeder you can place every drop down where deep roots will get it, right away. Instant aid to drouth suffering plants, irrigates and feeds at the same time. Feeder with complete instruction booklet and a package of 12 All Purpose Plant Food Cartridges for $6.98, postpaid. Extra Cartridges

S-1098 Ross Rose (Plus Iron Chelate). Cartridges Analysis 15-25-10

S-1097 Ross Starter cartridges. Analysis 9-46-15

S-1096 Ross Evergreen Acid Cartridges. Analysis 10-20-20

S-1094 Ross All-Purpose cartridges. Analysis 8-16-8. Either package of 12 cartridges for $1.00, postpaid.

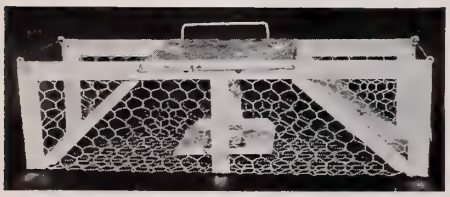
S-1095 Ross Soil Corrective cartridges, contains chelated iron, analysis 5-35-10 package of 12 cartridges for $1.50, postpaid.

S-1099A Ross Tree Cartridges; package contains 5 doz. cart. 25-10-10. The correct analysis for trees. Postpaid for $3.98.

CANVAS SOIL SOAKER

S-787 Soil Soaker for deep soaking, the water method approved by agricultural colleges and nurseries, now available for home use. Equipped with regular hose connection for attaching to hose or pipe.

No. 0, 12 ft.	postpaid	$2.25
No. 1, 18 ft.	postpaid	3.05
No. 2, 30 ft.	postpaid	4.30
No. 3, 50 ft.	postpaid	6.80

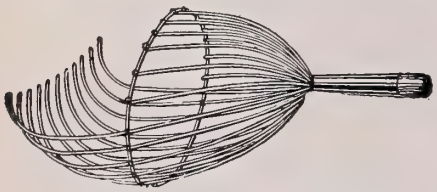


HAVAHART ANIMAL TRAPS

S-1160A No. 1—5x5x18 in. For weasels, rats and chipmunks, $5.40, postpaid.

S-1160B No. 2—7x7x24 in. For muskrats, mink, squirrels and rabbits, $6.75, postpaid.

S-1160C No. 3—11x11x36 in. for Coon, woodchuck, rabbits, opossum, cats, etc. Each $14.00, express collect.



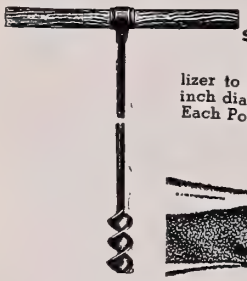
S-1113 WIRE FRUIT PICKER. Wire basket with extended "fingers" to simplify fruit picking. Fastens on to end of pole. Pole not included. Each $1.35; Postpaid.

G. S. "MASTER" SPRAYER

S-1222 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet, and with a twist of the wrist produce a mist-like spray. Each, $7.75; postpaid $8.35.

S-1223 G. S. "JUNIOR" SPRAYER. An exact take-off of the "Master" except that it is smaller in design. Each $6.35; postpaid $6.85.

GREENLEE EARTH AUGER



S-1640 Especially adaptable for drilling holes for feeding fertilizer to trees and Evergreens. 2 inch diameter length 40 in. Each Postpaid $6.50.

NEW IMPROVED GREEN THUMB GLOVES

S-131 Soft, washable for garden and house use. Ladies small, medium and large. Specify size when ordering. Price per pair, 98c; postpaid.

S-130 Men's size, pair 98c; postpaid.

S-1079 PACEMAKER BULB PLANTER. Full of new features. Visual depth markers consisting of drilled holes, as shown; 1 hole meaning 1-inch depth, up to 4 holes meaning 4-inch depth. Makes planting at proper depth easy. Base has timber saw teeth that cut into toughest soil easily as you press downward and twist. A very attractive tool with triple-chrome plating that protects against rust. Tough, close-grained steel for long, trouble-free service. Reinforced yolk. Guaranteed against bending or twisting. Each, Postpaid, $1.45.

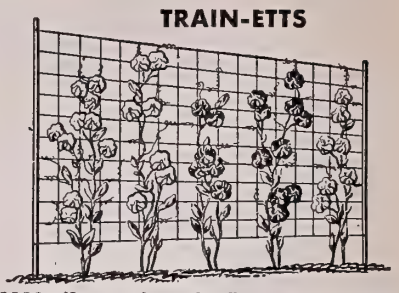
NO BLISTER TROWEL

S-1070 Scientifically designed to prevent blisters. Curved handle with velvet grip fits the hand and is kind to the palm. Metal is rustproof. Postpaid, $1.75.

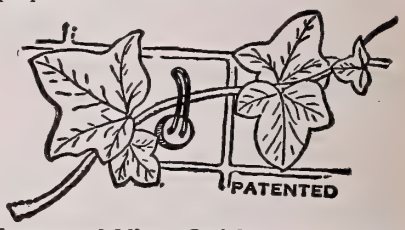
TRUE TEMPER (Bulb Planter)

One-piece, all steel head is shaped with beveled core edge to penetrate ground easily. Makes round hole 2¼" dia., up to 11" deep. An excellent tool for planting bulbs. **S-1632** Postpaid, $2.95.

TRAIN-ETTS



S-1112 New weatherized trellis netting. Ideal support for Sweet Peas, Morning Glories or any of the light climbing vines. Made in three sizes. Model F-24, 5x6 ft. each, 85c, postpaid. Model F-25, 5x8 ft. each, $1.05, postpaid. Model F-26, 5x15 ft. each, $1.45 postpaid.



Wayward Vine Guide and Support

S-1177 For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc. on Brick, Stucco, Stone and Cement Walls without Defacing. Available in red or gray. No Nails—No Holes. Price, box of 20, including cement, $1.10, postpaid.

PLANT PROPS

Process stiff steel of varying thickness to suit a surplus of weight. Termite and rot proof. Almost invisible blending with plant. Color, garden-green enamel finish. May be stored and used year after year. 66 inch and 78 inch via express.

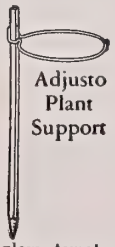
S-1173 16" size (net 12 inches) for Tulips, Hyacinths, Crocuses and other dwarf plants. Dozen 95c, postpaid.

30" size (net 23 inches) for Zinnias, Marigolds, Roses, etc.—dozen for $2.10 postpaid

42" size (net 35 inches) for "Snaps," Delphiniums, Asters, Larkspur, Madonna lilies, etc. dozen, $2.50, postpaid.

66" size (net 59 inches) for Giant Delphiniums, "Glads," Mums, etc. dozen for $3.95 via express collect.

78" size (net 71 inches) for Dahlias, Hollyhocks, Rose Trees. Dozen for $6.80 via express collect.



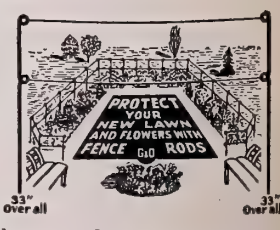
Adjusto Plant Support

S-1170 Has a unique self-locking adjustable feature causing the loop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake ⅞ inch square will stand firmly in the ground. The hoop is of 7 gauge galvanized wire, 13 inches in diameter. Effectively used on every flowering bush, shrub, or plant you own. Invaluable for peonies, delphiniums, dahlias, asters, roses, sunflowers, golden-glow, tomatoes, and such small fruit as raspberries, blackberries, etc. 3 ft., doz., $5.75; 4 ft., doz., $6.30; 5 ft., doz., $6.95.

S-1170A Extra wire hoops, doz., $2.50, via express collect.

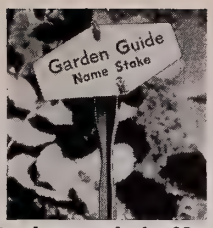
FENCE RODS

S-1175 Stiff hardened ¼" dia. Steel Rods green enameled with two loops to support two rows of clothes line, heavy twine, or wire. Handy and safe protection to lawns, trees, shrubs, and gardens against humans and pet.



33" (overall) net 27 inch size per dozen, $2.75, postpaid.
48" (overall) net 42 inch size per dozen, $3.50, postpaid.

GARDEN GUIDE PLANT LABELS. New this year. Name Plates may be removed, quickly interchanged or replaced. Will withstand punishment from garden tools. Easy to insert into the ground. Properly angled for easy reading. Attractive green color. 10 inches long.



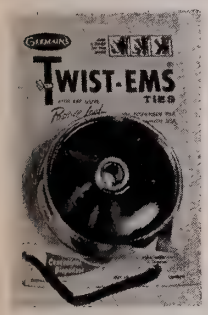
S-596A Model 310 5 stakes and 5 name plates in plastic pack, for 98c, postpaid.

S-596B Model 320 25 stakes and name Plates in carton, for $4.49, postpaid.

S-596C Model 330 100 stakes and name plates in carton, for $14.98, postpaid.

S-596D Model 130 10 name plates only in plastic pack, for $6.94, postpaid.

S-596E Model 210 10 extensions 18 inches long in plastic pack, for $2.49, postpaid.

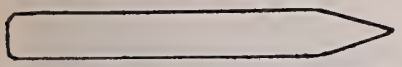


GERMAIN'S TWIST-EMS IN DISPENSER PACK. Handy utility plant ties, deep green color. The wire running through the center of tape makes them unbreakable. Tape protects stem against injury. For all types of plants.

S-602A Model T-10 is a 150 ft. continuous roll, for 98c, postpaid.

S-602B Model T-11 is a package of 100—7 in. ties, for 44c, postpaid.

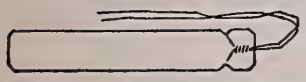
S-1401 WOOD POT LABELS PAINTED.



4-inch by ⅝-inch wide. 100, $1.00, postpaid; 1000, $5.50, postpaid; 6-inch by ⅝-inch wide. 100, $1.25 postpaid; 1000, $6.50, postpaid; 8 in. by ⅝-inch wide 500 for $5.00, postpaid.

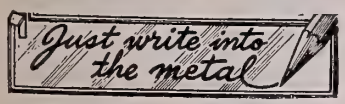
S-1403 12 inch by 1⅛ inch wide. 100, $2.75, postpaid.

WOOD TREE LABEL



S-1411 WOOD TREE LABELS, COPPER WIRED, PAINTED. 3½ in. 100 for $1.05, postpaid; 1000, $6.60, postpaid.

S-577 WEATHERPROOF PENCILS. Black Lead. Ideal for marking pot labels, garden stakes or other outdoor work. Each $0.15, two for 25c.

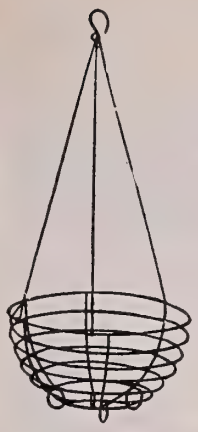


S-592 PERMATAG ALUMINUM MARKERS. Rustproof; always legible. Price per package of 24 labels for 29c, postpaid.

S-1366 STAKES—BAMBOO. Painted Green, prepaid prices.

	100	1000		100	1000
1½ ft.	$1.50	$7.00	3 ft.	$2.25	$13.00
2 ft.	1.70	9.00	3½ ft.	2.60	15.00
2½ ft.	2.00	10.75	4 ft.	2.80	16.70
Bamboo not painted, 6 ft., express collect				3.25	27.50

S-582 MARK IT PLANT MARKERS. For Flower and Vegetable Gardens, Rock Gardens etc. Made of molded-durable plastic. Attractive grey-green color. 5 inches high and 2 square inches of writing space. Ordinary lead pencil writing will last for years. Anchors prevent labels from turning. Package of 25 labels, $1.60, postpaid. Package of 100 labels for $5.85, postpaid.



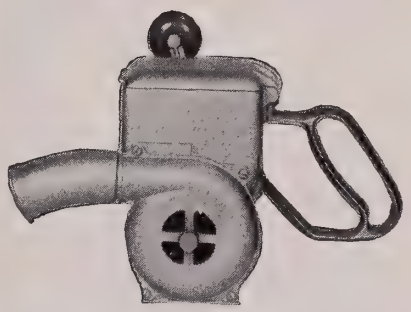
S-992 WIRE HANGING BASKETS. Basket comes complete with hanger. Ideal for outdoor use. Excellent for hanging begonias, vines and other hanging plants.

Painted green. Postpaid.

8 inch.....each, $1.00
10 inch.....each, $1.20
12 inch.....each, $1.40
14 inch.....each, $1.60
16 inch.....each, $2.00

S-992B New! Brass Plated wire hanging baskets with hangers. Same design as above.

8 inch.....each, $1.50
10 inch.....each, $1.70
12 inch.....each, $1.90

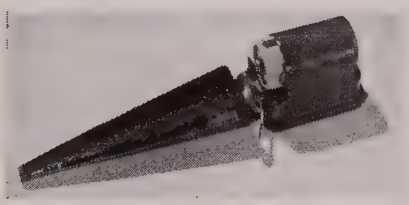


S-1167 MIDGET GARDEN DUSTER. Throws 8 foot dust stream with just one turn of the handle. Treats over 200 Rose bushes with one filling. Rustproof metal alloy construction throughout. Easy turning, high speed, uniform discharge, no clogging. Especially designed for the home gardener—for healthy plants, shrubbery, small fruit trees—wherever you want to dust insecticides or fungicides. Each $9.95, postpaid.

S-1167A 15 inch Extension Tube. For applying dust under low plants, and the tops of small trees. 15 inches. Postpaid, $1.20.

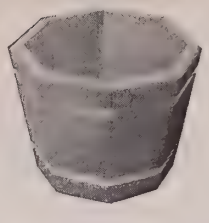
S-1272 NEW COMPACT SPRAYER. R-L Model 133. New Compact Sprayer holds 1⅓ gal. Comes with 15-in. straight brass extension. Revolvo nozzle. E-A Lok closure. Inner seal gasket. Plastic handle. Each $7.25, postpaid.

S-575A YORK GARDEN MARKING PEN with weatherproof ink plus 24 wooden stakes easily made into 48 labels including a generous supply of copper wire. Perfect for all plant identification, each $1.29, postpaid.



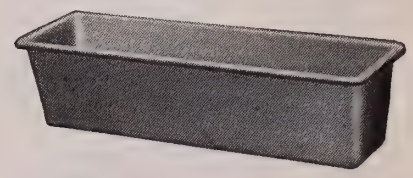
S-1057 VIBRA-SEEDER. A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row or flat in fraction of time normally required. Operating cost one flash light battery per season. A real time, labor and seed saver. Prices without battery. Each $3.95, postpaid.

BEAUTIFUL CALIFORNIA PLANTUBS MADE OF REDWOOD



S-1723 For utility and beauty in any garden. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub. All Octagonal design. 8, 10 & 12 inch mailable; all other sizes via express collect.

Model		Weight lbs.	Each
O 8	8x 8x5¾High	4	$2.98, ppd. $3.60
O 10	10x10x 8-High	4	3.59, ppd. 4.20
O 12	12x12x10-High	5	4.69, ppd. 5.20
O 14	14x14x13-High	8	5.79
O 16	16x16x14-High	12	7.69
O 18	18x18x17-High	14	8.98
O 21	21x21x18-High	18	11.98
O 24	24x24x17-High	20	14.98



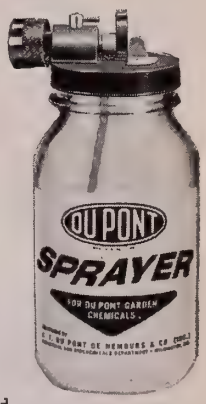
S-827 FIBER GLASS FLOWER AND PLANT BOXES. Molded of Fiber Glass Reinforced Plastic. Can't leak, rust, rot or warp. Never needs painting. Will outlast steel and wooden boxes. All sizes are 7½" wide x 5½" deep. Comes in three colors: Garden Green, Black and White. 18 inch each $2.70, postpaid; 24 inch each $3.15, postpaid; 30 inch each $3.55, postpaid; 36-inch each $3.98, postpaid.

De Luxe Flower and Plant Boxes

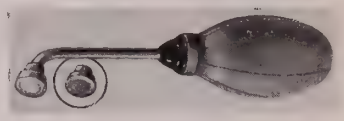
S-822 All steel, leakproof. Finished in standard green, 7⅝ inches wide, 5 inches deep. Features built-in drainage plate. Rolled edge makes it sturdy.

18 inch.....each, postpaid $1.75
24 inch.....each, postpaid $1.98
30 inch.....each, postpaid $2.35
36 inch.....each, postpaid $2.85

DUPONT SPRAYER complete with 3 nozzles is the one sprayer that handles every gardening job. Attaches to any garden hose. Sprayer features 3 easy to change nozzles . . . designed so that every liquid and wettable powder chemical in the Du Pont line may be sprayed. Each of these garden chemicals is keyed to the Sprayer by a simple nozzle identification sticker. The new DuPont Sprayer comes with a tough plastic coated container—makes it shatter-proof, rugged and safe. Sprayer also features handy cut-off knob. Sprays up to 30 feet. Unit contains back up siphonage protection.



S-480 Each, $7.25, postpaid.



S-715 CENTROSPRAY RUBBER SPRINKLER with two sprayheads. Sprayhead A (for spraying water), sprayhead B (for dusting powders). For sprinkling seedlings, plants, etc. and clothes. 8 oz. capacity, price ea., $1.75; postpaid.

Miscellaneous for the Home and Garden

S-678 SEP-TANK. For Septic Tanks, Cesspools, Sluggish Sewers, Grease Traps and Drain Lines.

Here is a **new type** preparation containing both bacteria and specially selected enzymes. They liquefy and speed up removal of waste materials, grease, and grime which clog up septic tanks, cesspools, sewers, grease traps, drain lines. Break these solids down faster. Prevents clogging and overflow. Saves costly maintenance bills. Controls odor. Just mix with water and flush down toilet or drain. Very economical. Use as little as 1 or 2 ounces per month. 8 oz. Postpaid for $1.95; 1 lb. for $3.50.

S-430 RABBIT AND RODENT REPELLENT. (DuPont Arasan 425). Can be either brushed on or sprayed on. Easy to use. One application protects for 3 to 6 months. Use on Fruit Trees, Shrubs, Ornamentals and Nursery stock. Qt. $3.95.

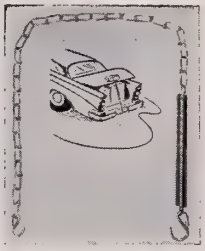
S-609 NEW FLOWER DRI. The easiest and Best Way to dry Flowers. A special blend of 28-200 and 6-16 Tel Tale silica gel. One compound, no mixing required. Can be used over and over. The latest thing in gardening. It is fun to dry the flowers you grow. You will enjoy them all winter. 1½ lb. $3.25 Postpaid. 5 lb. $7.50 Postpaid.

S-1062 MIRACLE WEEDER. Pull weeds in your lawn and garden without bending over. Easy to use. Trigger action holds weeds so they can be put in a basket. A handy tool to own. Postpaid for $2.00.

S-1564 TROPI-GROWER. A scientifically designed container to grow African Violets and other Humidity loving plants in. Water in the base of the planter keeps the humidity high around the plants even in a dry room. Your Violets will grow better and have more blooms. Every African Violet lover will want this. Prepaid anywhere for only $2.98.

S-1140 RAIN CONTROL. When it Rains it uncoils. Rain water is out on the lawn, not next to the foundation where it can run into the basement. Stops washout next to your house. Postpaid for $1.00.

S-677 POISON IVY KILLER. Also kills poison oak. Now a convenient aerosol container for use by the home user who has a limited amount of poison ivy, poison oak and the other weeds controlled by this product. For larger areas, the one pound canister contains a highly concentrated formula to be mixed with water and applied as a spray. Highly selective. Does not sterilize the soil. Non-poisonous to people and pets. Easily washed from spray equipment. 16 oz. Aerosol. Postpaid $2.00.



S-149 E-Z-ON TRUNK LID HOLDER. Turn your car trunk into a truck and haul anything you please—with no damage to the lid and no obstructed rear view! E-Z-On snugs the trunk lid to the load no matter how large it is, holds it securely without rattle even on a rough bumpy road and keeps the lid from denting or springing. Unit is 31" long and has a sturdy steel spring with adjustable chain—the installation is simple and takes but a few minutes. You'll use it many times—and its cost is considerably less than you'd pay for just one trailer rental charge. Postpaid $1.00.

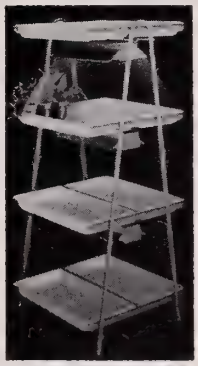
SUNLIGHTER PLANT STANDS.

Grow flowers year around indoors. Especially good for African violets. You will be proud to own one of the Plant stands. Prepaid.
Prices on plant stands do not include fluorescent lites.

S-1128A 8 tray unit 55"x 24"x27" $36.95

S-1128B 4 tray unit 55"x 24"x14" $23.95

S-1128C 2 tray unit 30"x 24"x12" $13.95



FLUORESCENT LIGHTS

S-1129A 15 watt single tube ..... $ 9.45

S-1129B 30 watt double tube $13.50

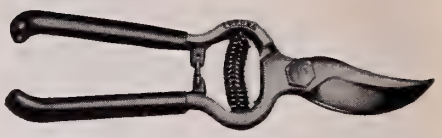
S-1127C Automatic Timer for above ..... $ 9.95

HIDDEN ROPE KEEPS PETS AWAY FROM PLANTS

S-401 VAUGHAN'S ANIMAL REPELLENT ROPE. Dogs, cats, rabbits, may be all right in their place, but you don't want them near your plants. This rope is impregnated with oils which turn them all away. Circle flower bed, border, or vegetable plot, pegging it on the ground, or hide it in foliage. Animals hate this odor. 100 ft., in can, $1.85, postpaid.

NEXT SEASON'S CATALOG
Will be mailed on all orders for $2.00 or more.

PRUNING TOOLS



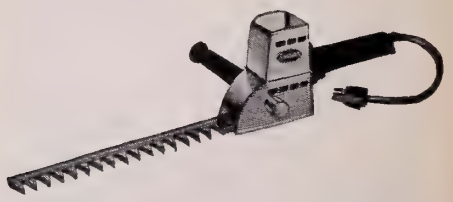
S-128 CORONA MODEL NO. 60 PRUNING SHEAR. Reiser Type. Medium size. This shear features the long thin, narrow rapier-like blade. Semi-curved hook is slant ground to sharp edge. Designed not to slip, bruise, mangle or tear. Postpaid $3.95.

S-1029 CORONA MODEL NO. 55. PUMP-ACTION GRASS SHEAR. A shear of positive action, a good solid feel, operating with an up and down motion. Minimum of moving parts, "Oron" handle grips, velvet soft. Shear is completely drop-forged. Equipped with locking catch and adjustable blade tension. Blades are hollowground. Postpaid $3.50.

S-126 CORONA NO. 6. MINI-SHEAR. This is a little midget shear designed as a novelty or gift item. While a conversation item, some practical uses have been found; for instance, on very delicate work around camelias, miniature roses, etc. While cataloged as a novelty, it bears the same fine forged quality as other Corona shears. Note the size in relation to the hand. Has "ORON" grips. Postpaid $2.30.

S-123 CORONA PRUNING SAW MODEL 40. (Folding Type.) Especially popular size with expertly designed blade to work in congested places. Blade of Belgium steel, has 8 teeth to inch. Hardwood handle. Blade folds into handle. Overall length folded 9½ inches. Postpaid $3.25.

S-134A. TRUE TEMPER MODEL A35 PRUNER. Completely New ROCKET pruner, redesigned for added strength and durability. Head is pointed and angled for easier approach to work and more natural operation. Extra wide-opening blade has a draw-cut slicing action to cut better with an easy squeeze. Properly shaped cushion grips won't slip, even in gloved or wet hands. Postpaid for $3.25.



S-1005 SUNBEAM SHRUB AND HEDGE TRIMMER. MODEL A160. The most powerful trimmer available. Trims shrubs, hedges, coarse grass, weeds, ornamental trees. Powerful 230 watt motor. Sure-Grip teeth. Reversible handle, 3-wire cord.

Free while they last, a cord reel, plastic sheath for storing and a pair of pruning shears with each trimmer ordered. ONLY $39.95 Prepaid.

WREN HOUSE No. 16

S-888 This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Size 8x5x8. Price, stained brown, each, $3.20, postpaid.

S-897 BLUE BIRD HOUSE No. 5. Stained brown. Size 8x6x8 inches. $2.35, postpaid.

MARTIN HOUSE

Prices include Crating charge.

S-1397B MODEL X215 Twenty compartment house, two stories high, unpainted, weight, 70 lbs. $35.00.

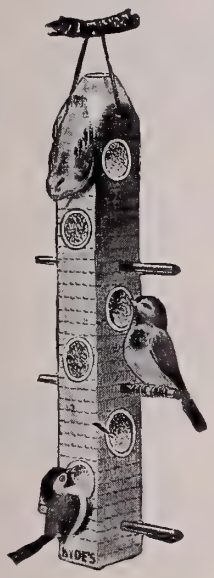
S-1397A Painted two coats in white and green, $43.00. Prepaid to 500 miles. Add $5.00 to points beyond 500 miles east of Rockies.

S-1398B MODEL No. X315. Twenty-eight compartment house, three stories high, weight, 85 lbs. unpainted, $40.00.

S-1398A Painted two coats white and green, $45.00. Prepaid to 500 miles. Add $5.00 to points beyond 500 miles east of Rockies.

S-1399 Erection pole, 4 x 4 in. x 14 ft.; ground posts 4 x 4 in. x 6 ft., weight 100 lbs. each, $24.50. Prepaid to 500 miles. Add $5.00 to points beyond 500 miles East of the Rockies.

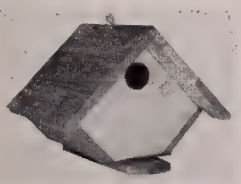
S-892 GARDEN CRAFT ROBIN ROOST Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Size 10x 7½x11½. Stained brown —each, $3.35, postpaid.



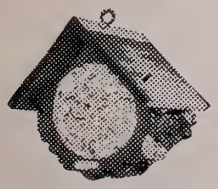
HYDE COMMUNITY DINER. Aerial Picnic Grounds for clinging and perching birds.

S-866 Model CD58 filled with 12 cups of tidbits each, $1.98, postpaid.

S-865 CT24, containing 24 extra cups of tidbits, each, $1.49, postpaid.



S-898 HOLLOW LOG WREN HOUSE-MODEL W-3 Highest quality at lowest price. Beautiful stained Redwood finish. Has copper sheet over peak of roof using copper nails. A combination hanging or bracket type. Has drainage, ventilation and the bottom removes for cleaning. Size 6x5x6½. Each $1.70, postpaid.



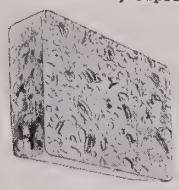
S-858 HOLLOW LOG SUET AND SEED FEEDER, Model SF-2. Hollowed out of a natural tree log. Contains a large 12 oz. suet cake. Copper ridge and hanging ring. Very nifty looking. Each $3.00 postpaid.

S-859 SUET REFILLS. Model SR-2 for above, each $1.00, postpaid. Package of 4, for $3.25, postpaid.

No. FS 21. Garden Craft Feeding Station

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather. Size 24x12x12. Shipping weight 16 lbs.

S-862 Price stained brown with wood back. . . . $10.50
S-863 Price stained brown with glass back. . . . 14.00
S-861 8 ft. Erection Post bored for mounting. 3.75
Above sent by express collect.



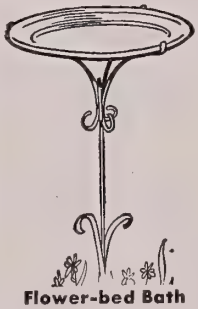
S-870 HYDE BIRD SNACKS. Model SS1. Mixture of peanut hearts, seeds, berries, whole grain and pure heavy beef suet. Price per package of six for $2.30, postpaid.

S-864 E-Z FIL BIRD FEEDER. A brilliant colorful polystyrene bird feeder. Height 8 inches, 7 inches wide. Not necessary to disassemble for filling because it can be conveniently filled through opening in roof top by revolving crown. Has wide feeding perch for birds. Comes in three colors, mottled green, red and brown. Postpaid for $1.35.

S-882 BOWER ESTATE MODEL No. 900. The ultimate in Bird Feeders. The feeder holds 20 lbs. of food. Made of cast aluminum and finished in flat black. Requires 1 inch pipe for mounting. Natural Redwood roof. Bird feeder as illustrated (without post and suet holder) only $41.00, prepaid.

S-882B Suet holders each $5.00.

Lawn Bath



Flower-bed Bath

S-899A LAWN BATH MODEL 12. Porcelain enameled bowl 20½ x 2½ in. deep, stands 29 inches high. Bowl locks in. Wind will not blow it out. Tubular steel legs. Weight 8 pounds. Each $6.75, postpaid.

S-899B FLOWER-BED BATH MODEL 11. Porcelain enameled bowl 16½ x 2 in. deep, stands 28 inches high. Green ornamental iron base. Weight 6½ lbs. Each $4.50, postpaid.

Fertilizers and Bagged Goods

VAUGHAN'S ONE SHOT MERION FERTILIZER (20-5-5)

Designed to supply four lbs. of actual nitrogen per thousand square feet of lawn plus adequate amounts of other necessary plant foods. Contains Du Pont's uramite which enables you to apply a season's requirement of nitrogen in one treatment. 50 lbs. $8.95 Prepaid to east of Rockies—West of Rockies prepaid for $12.00.

GROGANIC ROSE & PLANT FOOD. (10-6-4). Supplies both quick acting and long lasting plant foods derived from organics, chemicals and minerals. Trace elements are supplied by organics and dried blood. Complete directions on each package. 5 lb. size 95c; Postpaid $1.45; 10 lbs. $1.65, Postpaid $2.40.

VAUGHAN'S FEEDER WEEDER. Nourishes lawns to new beauty as it kills weeds! It's a complete lawn food (20-10-5) with 2, 4D added to rid the lawn of broad leaf weeds. Bag covers 5,000 sq. ft., $5.25.

VAUGHAN'S EVERGREEN FOOD (10-8-6)

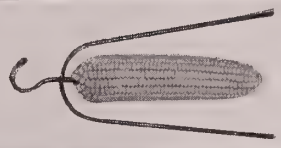
A new product this season. Specifically formulated for use on evergreens and trees. Also ideally suited for all shrubs, hedges and vines. Extra strength analysis provides organics, minerals and chemicals to insure adequate plant food. 5 lbs., 95c, postpaid $1.45; 10 lbs., $1.65, postpaid $2.40.

VAUGHAN'S GARDEN PLANT FOOD (4-12-12) NEW THIS YEAR—Ideal for the flower or vegetable garden. Insures more normal development of blooms and produce without excess stimulation of leafy growth. 5 lbs., 95c, postpaid $1.45.

VAUGHAN'S PRE-VENTS contains Dacthal. For use on established lawns as a pre-emergent treatment for the control of smooth and hairy crabgrass. Also effective against other annual weeds as milky spurge, purslane, carpet weed, witchgrass, annual chickweed and foxtail.

Recommended as a border control in foundation plantings and in flower bed borders. Prevents growth of most grassy weeds in these areas if soil is undisturbed after cultivation.

Bag covers—2,000 sq. ft., $6.75. 2 bags or more shipped prepaid.



S-877 CORN HOLDER. Cardinals like it—Sparrows can't eat it! Corn just screws into holder. Complete with corn, $0.65 Postpaid.

Lawn Seed, Fancy Grasses and Field Seed

For other Lawn Seed Mixtures, See Page 87. All Prices Prepaid, Except where Specifically Noted. On Parcel Post C. O. D. Orders there is a postal charge for C. O. D. delivery.

VAUGHAN'S SPECIAL PURPOSE MIXTURES

We recommend our lawn mixtures, composed of suitable varieties of grass seed, because results are more satisfactory from a correct combination of grasses than from a variety sown alone. Our grass seed division has long been known as an authority on growing fine turf, and for the guidance of our customers we send our booklet on lawn-making upon request and without charge. **A copy of this booklet is enclosed in every carton and bag of Vaughan's lawn seed mixtures.**

For Your Protection—Always remember that we neither buy nor sell seeds that are not tested in our own officially recognized laboratory for purity, germination, identity and freedom from weeds.

VAUGHAN'S "COLUMBIAN"

Formula for Shady Lawns or Sandy Soil

In making a lawn on sandy soil or in partial shade, conditions are met which require the use of a special grass seed blend. Vaughan's "Columbian" is the correct blend for such locations.

LA110 Price, 1 lb., $1.10; 3 lbs., $3.15; 5 lbs., $5.00; 10 lbs., $9.50; 25 lbs., $22.50; 50 lbs., $42.50; 100 lbs., $80.00.

VAUGHAN'S DENSE SHADE FORMULA

An exceptional formula which is particularly adapted to heavily shaded areas and will also do well in lighter shade. We have spared no care or expense to make this lawn seed the best obtainable for the purpose. Does not contain clover.

LA111 Price, 1 lb., $1.10; 3 lbs., $3.15; 5 lbs., $5.00; 10 lbs., $9.50; 25 lbs., $22.50; 50 lbs., $42.50; 100 lbs., $80.00.

VAUGHAN'S VALU-BLEND MIXTURE

An economy blend for new seedings and quick results which should be followed by reseeding with a more permanent blend like our "Parks." In spite of its low price, this blend does not contain timothy. Sow at the rate of 1 lb. to every 200 sq. ft. Begin cutting when grass is 3 to 4 inches high and continue to cut regularly to keep turf fine.

LA112 Price, 1 lb., 80c; 3 lbs., $2.30; 5 lbs., $3.75; 10 lbs., $7.30; 25 lbs., $17.50; 50 lbs., $32.50; 100 lbs., $60.00.

Quantity to Use—On new lawns, use 1 lb. for every 300 square feet; 5 lbs. for 1500 square feet; 135 to 150 lbs. for one acre. To replenish lawns where turf is thin, use half quantity.

BENT LAWNS FROM CERTIFIED SEED

Ask for Our Bent Leaflet

Bent grasses are increasingly popular for lawns, especially in cities where lawns are small in area and extra care is not burdensome.

Seed at the rate of 3 to 4 lbs. per 1,000 sq. ft.

ASTORIA BENT. Astoria Bent is identified by its numerous root-stocks which spread underground and throw up new shoots, making a very thick turf, and by the presence of runners above ground in the early stages of development. This Bent has a good color and is excellent as both a lawn and putting green grass. It does not require as much cutting as Creeping Bent.

SEASIDE BENT. This is a true unmixed Creeping Bent grass seed which spreads by surface runners instead of by the underground root stalks which characterize the Astoria Bent.

Our Bent Leaflet Is Included in Each Bag

LA127 ASTORIA BENT GRASS. ½ lb., 75c; 1 lb., $1.25; 3 lbs., $3.60; 5 lbs., $5.75; 10 lbs., $11.00; 25 lbs., $26.25.

LA128 SEASIDE CREEPING BENT GRASS. ½ lb., $1.15; 1 lb., $1.95; 3 lbs., $5.70; 5 lbs., $9.00; 10 lbs., $17.50; 25 lbs., $39.75.

Fancy Kentucky Blue Grass

Kentucky Blue Grass (Poapratensis)

LA113 EXTRA HEAVY SUN-CURED SEED—Specially recleaned. 1 lb., 95c; 3 lbs., $2.70; 5 lbs., $4.25; 10 lbs., $8.00; 25 lbs., $18.75; 50 lbs., $35.00; 100 lbs., $65.00.

LA114 FANCY SEED—Standard grade of recleaned blue grass. 1 lb., 80c; 3 lbs., $2.30; 5 lbs., $3.75; 10 lbs., $7.30; 25 lbs., $17.50; 50 lbs., $32.50; 100 lbs., $60.00.

Fescues

LA122 CHEWINGS FESCUE. This grass is valuable on sandy soils and in shade. Chewing's Fescue is a perennial with a fine blade and a spreading root system. Sow either Spring or Fall (last week in August or the first week in September) at the rate of 5 lbs. to 1,000 sq. ft. Price, 1 lb., 60c; 5 lbs., $2.50; 10 lbs., $4.50; 25 lbs., $10.00; 50 lbs., $17.50; 100 lbs., $30.00.

LA123 PENN LAWN CREEPING RED FESCUE—Latest improvement in grasses bred for drought tolerance, disease resistance. 1 lb., 70c; 5 lbs., $3.00; 10 lbs., $5.50; 25 lbs., $12.50; 50 lbs., $22.50; 100 lbs., $40.00.

LA124 CREEPING RED FESCUE. One of the best fescues obtainable, it spreads from the roots, making a dense turf which tends to crowd out weeds. Does well in shade and is good on sandy soil. Price, 1 lb., 60c; 5 lbs., $2.50; 10 lbs., $4.50; 25 lbs., $10.00; 50 lbs., $17.50; 100 lbs., $30.00.

LA125 ALTA FESCUE. This recent development has a very deep root system and is drought resistant. It stands up under traffic and though coarse is excellent for athletic fields, airports, roadsides, playgrounds and lawns where there is heavy traffic. 1 lb., 45c; 5 lbs., $2.10; 10 lbs., $4.00; 25 lbs., $8.75.

Poa Trivialis

(Rough Blue Grass)

LA126 A grass for moist, shady spots, 1 lb., .90c; 5 lbs., $4.25; 10 lbs., $8.00; 25 lbs., $18.75; 50 lbs., $30.00.

Red Top Grass

(Agrostis alba)

LA120 EXTRA FANCY, recleaned soil seed. Price, 1 lb., .90; 5 lbs., $4.25; 10 lbs., $8.00; 25 lbs., $18.75; 50 lbs., $30.00.

White Clover

LA121 EXTRA FANCY SEED. Price, ½ lb., 70c, 1 lb., $1.25; 5 lbs. $6.00; 10 lbs., $11.50; 25 lbs., $27.50.

Rye Grasses

Use all rye grasses at the rate of 30 to 40 lbs. per acre for pastures and 5 to 7 lbs. per 1000 sq. ft. for lawns. Sow either fall or spring.

LA130 ENGLISH OR PERENNIAL RYE GRASS (LOLIUM PERENNE). A lawn grass where quick results are wanted. Price, 1 lb., 35c; 3 lbs., $1.00; 5 lbs., $1.60; 10 lbs., $3.00; 25 lbs., $7.00; 50 lbs., $13.50; 100 lbs., $25.00.

LA131 COMMON RYE GRASS. The Italian type of rye grass, grown in this country. An annual, generally lasting a second year. Develops rapidly. Used in the south for Winter lawn grass. Sow in October in the south, preferably Spring in the north. Price, 1 lb., 30c; 3 lbs., 85c; 5 lbs., $1.35; 10 lbs., $2.50; 15 lbs., $3.65; 25 lbs., $5.75; 50 lbs., $10.00; 100 lbs., $18.00.

All Grasses and Field Seed Prices are Subject to Change Without Notice.

VAUGHAN'S WILD BIRD FEEDING MIXTURES

LA140 5 lbs., $1.00; 10 lbs., $1.80; 20 lbs., $3.50; 100 lbs., $14.00.

All prices prepaid within 300 miles of Chicago; otherwise collect.

VAUGHAN'S FORMULA Z KILLS *ALL* LAWNS FUNGI

S-1340 When lawns turn brown, turf researchers now agree that fungus diseases often are responsible. Five different types of these parasitic organisms are known to attack lawn grass. Prevents and controls BROWN PATCH, DOLLAR SPOT, COPPER SPOT, RED THREAD (PINK PATCH) AND LEAF BLIGHTS, such as incited by Helminthosporium and Curvularia.

Formula Z, is a "broad spectrum" fungicide, a mixture deadly not merely to one fungus, but which kills them all. Whatever type is disfiguring your lawn, Formula Z will prevent its spores from developing, and kill all parasites that have developed.

Formula Z contains urea, which stimulates this new growth. Its dark green coloring improves the appearance of the grass during its recovery from the attack. Protective spraying with Formula Z prevents fungi from getting a start. 8 oz. treats 2,000 to 4,000 sq. ft., $3.45; postpaid $3.75; 5 lbs., postpaid $24.95.

YES, WITH MASTER BLEND, YOU TOO CAN GROW THE FINEST LAWN . . FASTER, EASIER, at Lower Cost and with Less Maintenance Later

NOW AT LOWEST PRICE IN HISTORY **$1.79 lb.**

Vaughan's guarantee these results with Master Blend. After introducing the greatest lawn seed improvement of all time, Merion Kentucky Bluegrass, Vaughan's tackled the problem of making it easier for the average homeowner to grow America's finest lawn.

MASTER BLEND IS THE ANSWER

No two lawn areas are alike. Soils can be rich, they can be sandy or heavy with clay. Shade and sun conditions vary as does the moisture content. Turf research had found grasses which individually would prosper under one or more of these problem conditions. Vaughan's took the 4 newest and best of these and made Master Blend, the grass seed guaranteed to grow a beautiful, sturdy, permanent lawn under any conditions. Here are the grasses in Master Blend:

MERION KENTUCKY BLUEGRASS (over 45%) Luxurious blue-green beauty combined with an almost unbelievable ruggedness. Grows profusely in sun or light shade.

DELTA KENTUCKY BLUEGRASS Germinates fast to "nurse" the slower Merion 'til it becomes established.

NEWPORT KENTUCKY BLUEGRASS Newest grass added to Master Blend. "Greens up" earlier in spring, stays green later in fall. Keeps your lawn decorative more months of the year.

PENNLAWN FESCUE This synthetic hybrid "wonder grass" was developed by Pennsylvania State University to insure a good lawn in shady, sandy or poor soil areas.

WHY TURF EXPERTS RECOMMEND THIS BLEND

University, county and state Turf authorities agree that this blend results in the best-looking lawn, one which stands up under summer heat with less watering because of its deep root system. Also, it crowds out weeds and crabgrass so that maintenance is greatly simplified.

AND MASTER BLEND COSTS YOU LESS!

When buying grass seed always compare coverage, appearance and permanence. Master Blend seeds 750 sq. ft. per lb., 3 times more lawn area than the next best seed . . . a saving right there. And, unlike "cheap" seeds which never really look right and need re-seeding yearly. Master Blend improves in appearance each year adding beauty and value to your home.

No Rye Grass is added to Vaughan's Master Blend Formula, to lower its cost. GUARANTEED to contain no Poa Annua or Bent Grass, both of which are hard-to-control nuisances in a Merion Lawn.

VAUGHAN'S MASTER BLEND
MERION FORMULA WAS $1.89 lb. LAST FALL

LA 101 1 lb., $1.79; 3 lbs., $5.25; 5 lbs., $8.50; 10 lbs., $16.50; 25 lbs., $40.00; 50 lbs., $77.50; 100 lbs., $150.00.

NOW $1.79 lb.

All Grass Seed Prepaid Anywhere in U.S.A.

VAUGHAN'S DENSE SHADE FORMULA

An exceptional formula which is particularly adapted to heavily shaded areas and will also do well in lighter shade. Contains no clover.

LA 102 1 lb., $1.10; 3 lbs., $3.15; 5 lbs., $5.00; 10 lbs., $9.50; 25 lbs., $22.50; 50 lbs., $42.50; 100 lbs., $80.00.

VAUGHAN'S "PARKS" MIXTURE

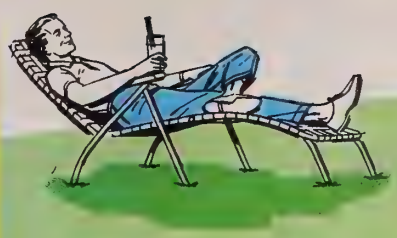
In this the finest Kentucky blue grass is combined with other suitable grasses now including new Delta Kentucky blue grass. Arboretum Ky. Blue, both vigorous starters and prized Merion. White clover is not included, but can be ordered separately. In one pound there are 3,682,560 seeds.

LA 103 1 lb., $1.25; 3 lbs., $3.60; 5 lbs., $5.75; 10 lbs., $11.00; 25 lbs., $26.25; 50 lbs., $50.00; 100 lbs., $95.00.

MERION KENTUCKY BLUEGRASS

One pound of straight Merion will sow 750 sq. ft. Prices cut 10%.

LA 104 1 lb., $1.89; 3 lbs., $5.55; 5 lbs., $9.00; 10 lbs., $17.50; 25 lbs., $42.50; 50 lbs., $82.50; 100 lbs., $160.00.



VAUGHAN'S PRE-KILL

KILLS CRABGRASS FOR 3 LONG YEARS...MOST EFFECTIVE CONTROL YOU CAN BUY!

- PROVEN BEST IN TESTS AT MAJOR UNIVERSITIES
- ELIMINATES 95% TO 100% OF YOUR CRABGRASS
- EASY TO APPLY WITH YOUR LAWN SPREADER

Tests at Vaughan's trial grounds, at leading research centers and major universities show that Pre-Kill is by far the best crabgrass destroyer you can buy. One application kills crabgrass for 3 years.

Kills barnyard grass, Poa Annua grass and next year's crop of Chickweed and Knotweed. Also destroys grubs, sod webworms and other soil pests plus driving away moles. And all with no injury to your lawn.

Contains Calcium Arsenate in a base that makes it easy to spread evenly and prevents blowing away. Apply in early spring or late fall to allow for best soil penetration.

Prepaid Delivery

NOW! Vaughan's K. O. Knocks Out Crabgrass and Weeds . . . 3 Easy Ways for You

At last you can win the war with weeds! Just apply K.O., the all-in-one weed killer, at dandelion time and watch 'em wilt. This amazing new combination of the time-tried crabgrass killer, Sodar®, and 2, 4D for broadleaf weeds, gives you all the destructive power you could ask for. And when it comes to convenience . . .

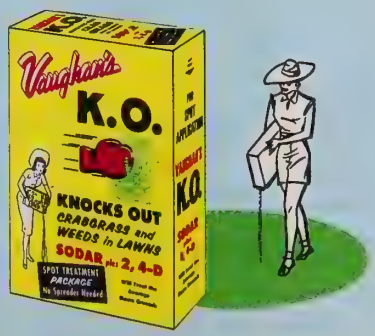
Vaughan's K.O. Spreads, Sprays or Shakes Crabgrass and Weeds Away!

LIQUID K.O. FOR SPRAYING

The all-new liquid you just sprinkle or spray to wilt weeds and crabgrass away. And you can mix up any size batch of this simple wet application that you want to use. S-1305—PINT Treats 1,500 sq. ft. $2.35. QUART Treats 3,000 sq. ft. $3.95. Postpaid.

DRY K.O. FOR SPREADING

Granulated to make it easy to spread sure death for crabgrass and weeds over your entire lawn area. Use any standard spreader for wonderful results. S-378—9 lbs. Treats 2,500 sq. ft. $3.95. 18 lbs. Treats 5,000 sq. ft. $6.95. Postpaid.



K.O. FOR SPOT TREATMENT

All-new and extra-easy to use. With this new package you just shake your way to a weed-free lawn. Always keep one handy to make short work of weeds and crabgrass wherever and whenever they appear. 4-lb. Shaker-Package $2.25. Postpaid.

VAUGHAN'S CHICKWEED KILLER: A positive destroyer of chickweed. Also deadly to clover. In convenient dry form, it is packaged in handy new shaker-type container for quick and easy application without any other equipment. Safe to use; will not harm most fine grasses; but it will kill bent grasses and is recommended when you wish to replace them with Merion or other grasses. S-1301. 10-oz. Can. Treats 135 sq. ft. 97c. Postpaid.

VAUGHAN'S LAWN WEED KILLER: Formulated to kill all common weeds. Contains 2, 4, 5T to kill poison ivy, poison oak and sumac, ailanthus and other woody-type weeds. Reliable 2, 4D kills dandelion, plantain, ragweed and other broadleaved weeds. 8 oz. covers 1500 sq. ft. S-1317. 8-oz. Can. Each 90c. Quart $2.75. Gallon $6.75. Postpaid.

VAUGHAN'S LAWN CLOVER KILLER: For those who object to clover's white blossoms and susceptibility to disease, this will be a real help. Because it contains 2, 4, 5T plus other ingredients, it penetrates and kills tough old stems of clover. Not harmful to grass when used as directed, except to bent lawns. 8 oz. can covers approximately 1500 sq. ft. S-1310. 8 oz. Can. $1.25. Quart $2.98. Gallon $7.75. Postpaid.

VAUGHAN'S FORMULA Z. BANISH FUNGUS DISEASE! In hot weather, grass may lose its color due to fungus and sometimes dies. Apply 5-in-1 to kill all lawn fungi and stop disease. Its green color improves appearance as its urea content stimulates living roots to grow new leaves. Effective against major fungus diseases. S-1340. 8 oz. Treats 2000-4000 sq. ft. $3.50. 5 lbs. $24.75. Postpaid.

VAUGHAN'S BENTGRASS AND CHICKWEED KILLER: Bentgrass is a new nuisance to many homeowners because it has invaded Merion and other fine lawns and caused unsightly patchiness. Just spray this product on to eliminate bentgrass. Also effective against Common and Mouse-Eared Chickweed, Clover and Henbit. Not harmful to most desirable grasses. Contains 2, 4, 5TP (Silvex). 8 oz. treats 2000 to 4000 sq. ft. S-1302. 8 oz. Can $1.69; Pint $2.98.

Vaughan's easy to get a lawn with

VAUGHAN'S ONE-SHOT FERTILIZER

YOUR BEST BUY IN LAWN FOOD TODAY!

- **One Easy Spreader Application Feeds All Year**
- **Gives Most Nitrogen per Fertilizer Dollar**
- **DuPont Uramite Prevents Burning**
- **Builds a Richer, Greener, Stronger Lawn**

Grass needs three main food elements, Nitrogen, Phosphorous and Potash. Research by turf experts shows that healthy, beautiful lawns must have **four times more** Nitrogen than Phosphorous and Potash. One-Shot was created to meet this need exactly.

COMPARE AND SAVE!

Every year each 2,500 sq. ft. of your lawn requires 10 lbs. of **all-important** Nitrogen. Chart below shows how One-Shot saves you dollars and drudgery by supplying this Nitrogen in one application and at the **lowest** cost . . .

BRAND COMPARISON	NUMBER OF APPLICATIONS	NUMBER OF BAGS NEEDED	COST PER YEAR
VAUGHAN'S ONE-SHOT Formula: 20-5-5	Only once	Only one bag	$8.95
BRAND "V" Formula: 5-10-5	4 times	4 bags	$11.00
BRAND "M" Formula: 5-5-0	4 times	5 bags	$11.25
BRAND "S" Formula: 20-10-5	4 times	2¼ bags	$10.69
BRAND "T" Formula: 12-6-6	Once	2 bags	$12.13

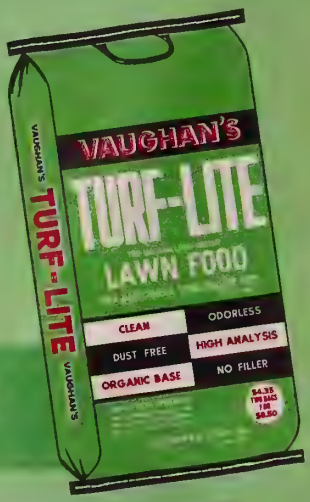
Most of the nitrogen in One-Shot is in the form of DuPont Uramite. This amazing chemical discovery automatically meters out just the right amount of soil-enriching nitrogen to keep your lawn at its greenest all growing season. This gradual release prevents nitrogen grass burn, too. So, to nourish your Merion or other type lawn to its beautiful best, give it One-Shot.

50 lbs. Feeds 2,500 sq. ft. all year, $8.95. Prepaid East of Rockies.

VAUGHAN'S HIGH-NITROGEN TURF-LITE LAWN FOOD

To our knowledge, Turf-Lite is the lowest priced Lawn food of such high quality on the market today. Compare the analysis; 20% Nitrogen, 10% Phosphorus and 5% Potash; compare the price and you'll see why it has rapidly become a big seller. Clean, odorless and dust-free; contains no wasteful inert ingredients. This modern, light-weight, easy-to-handle fertilizer is ideal for spring, summer and fall feeding. Gives you a greener, lovelier, stronger-growing lawn.

$4.35 22-lb. Bag Feeds 5,000 sq. ft. 3 bags or more shipped Prepaid East of Rockies.



NEW! VAUGHAN'S FEEDER WEEDER

Kills weeds and feeds your lawn in one easy walk-through with your spreader. And you know that the quality is there, with Vaughan's name on it. Powerful, dependable 2,4D deals sure death to broadleaf weeds like dandelions, plantain, etc. And the high-nitrogen (20% Nitrogen, 10% Phosphorus, 5% Potash) fertilizer puts new vitality and green growth into your grass.

$5.25 20-lb. Bag Feeds and Weeds 2,000 sq. ft. 3 bags or more shipped Prepaid East of Rockies.

PLANT-A-POTS

To prevent transplanting shock, sow seeds directly in Plant-A-Pots. Later, set the plants in the garden, pot and all, without disturbing the roots. Roots grow unchecked, penetrating the molded peat-moss pot walls. Used successfully by florists.

No.	Size	Wt. per 100	Postpaid Per 100
S-1570A	1¾" Sq.	3 lbs.	$1.98
S-1570B	2¼" Rnd.	3 lbs.	$2.29
S-1570C	2¼" Sq.	3 lbs.	$2.89
S-1570D	3" Round	4 lbs.	$3.49
S-1570E	3" Sq.	5 lbs.	$4.29
S-1570F	4" Sid. Rnd.	6 lbs.	$7.50

with *PHALTAN®
*PHALTAN is a registered trademark for phthalimide fungicide.

Vaughan's Fruit Tree Spray

A fine control for insects, fungus and other diseases. Usable to protect Apple, Pear, Peach, Plum, Cherry and other fruit trees. Made to Vaughan's exacting specifications with 12% Methoxychlor, 6% Malathion and 12% Captan. 12 oz. makes 9 gallons commercial strength spray.
S-1309. 12 oz. Pkge. $1.25

Vaughan's Tomato & Vegetable Dust or Spray

FOR BIGGER YIELDS: Contains 5% Malathion and 5% Methoxychlor to destroy both leaf-eating and juice-drinking insects plus 5% Captan to kill fungi. Dust or spray on vegetables, fruit and flowers to free them of pests that cause so much discouraging crop loss. Safe to apply; safe on vegetables and fruit to be eaten.
S-1335. 8-oz. Applicator Gun, Each $1.00. 12-oz. can $1.10. Postpaid.

Vaughan's Rose & Plant Dust or Spray

COMPLETE PROTECTION: All-purpose insecticide and fungicide. Dust or spray on plants. Protects against red spider on evergreens, black spot on roses, mites and powdery mildew. Kills all leaf-eating and juice-drinking insects. Contains 7.5% *PHALTAN® a new and improved fungicide, 4% Malathion and 5% DDT.
S-1322. 8-oz. refillable Applicator Gun, Each $1.19. 1-lb. Can $1.49. 4-lb. Can $4.49. Postpaid.

Vaughan's Insect Spray

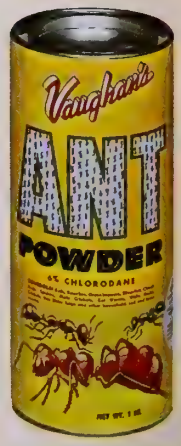
Made especially for the home gardener; usable inside and outside the home. Kills Aphids, Red Spider, Japanese Beetle, Lawn Webworms, Chiggers, Chinch Bugs, Mole Crickets, Thrips and other bothersome insects. Easy and economical to use. Contains Malathion of Premium grade to control odor, plus Lindane, DDT and Tedion. Pint makes up to 32 gallons spray, average dilution.
S-1308. 4 oz. 89c; 8 oz. $1.59; Pint $2.89; Quart $4.98

New Vaughan's Evergreen Spray

Contains Premium-grade malathion for red spider control and DDT, Lindane and Tedion to eliminate other insects. Easier, safer to use on evergreens. This spray can also be used on other garden flowers.
S-1342. 8 oz. $1.59; Pint $2.89

New Vaughan's Ant Powder

Contains 6% Chlordane. Use to kill ants, silverfish, earwigs, spiders, and other household and garden insects. May be used inside the home as well as in the garden.
S-1344. 1-lb. Pkge. 65c



Climbers Supreme in Color Display

For a mass color display, there is nothing that can equal the beauty of climbing roses. They are wonderful for planting on arbors, fence, porch, trellis or walls. All are hardy and easy to grow, but we recommend giving winter protection. Because most varieties bloom on the previous year's wood, do not prune away last year's canes in spring. The figures following the descriptions of each variety indicate the average height of the plant at maturity.

GOLDEN SHOWERS

NEW IMPROVED BLAZE

SAVE $1.00 ON OFFER N-5263: 3 OF THE WORLD'S BEST PATENTED CLIMBING ROSES—$6.75. One each as listed below (value $7.75)

N-5108 BLOSSOMTIME. (Pat. 1240). The most continuous blooming hardy Climber that we know. It is never out of bloom and will provide a profusion of very fragrant, perfectly formed, two-toned pink blooms of superb Hybrid Tea form. Everyone will love this rose and it is easy to grow. 6 ft., $2.50; 3 for $6.60. Postpaid.

N-5101 CLIMBING CRIMSON GLORY. (Pat. 736). This is the climbing form of Crimson Glory which has repeatedly been voted the most popular red rose in America. When well established it blooms as freely as the bush form, producing an abundance of perfectly formed deep vivid crimson blooms that have a captivating fragrance. 8 ft., $2.75; 3 for $7.20. Postpaid.

N-5114 GOLDEN SHOWERS. AARS 1957. (Pat. 1557). The first winter-hardy everblooming Pillar or Climbing Rose that actually blooms from early spring through late fall. The long pointed, deep yellow buds open to large 4 to 5 inch daffodil yellow, exquisitely shaped blooms. They are borne in great profusion on long, almost thornless, bronze cutting stems and are ideal for spectacular arrangements. The plant is vigorous and foliage is large, leathery, glossy and disease resistant. Grows to 8 ft. $2.50; 3 for $6.60. Postpaid.

A HANDSOME FELLOW

N-5110 DON JUAN (Pat. 1864). If we could have only one everblooming Climbing Rose, it would be this one. Everything is good about it. It really grows and blooms the first season, giving a constant display of deep, velvety red, 5 inch fragrant flowers in clusters and singly. They have excellent form, color and substance and last a long time on the bush or when cut. The foliage is beautiful at all times and is resistant to blackspot and mildew. You will enjoy growing this one. 6 to 8 ft. $3.00; 3 for $7.95.

OLD-FASHIONED RAMBLER

N-5120 SEVEN SISTERS. This Rambler bears dense pyramidal clusters of lilac-rose, soft pink and almost white flowers with "seven tints in the same cluster" in late June. They have exceptional vigor and do best planted in full sunshine where they have plenty of space. 10 to 15 ft., $1.50; 3 for $4.00. Postpaid.

FAVORITE CLIMBING ROSES

N-5105 DR. J. H. NICOLAS. Everblooming deep rose-pink. Magnificent, very double deeply fragrant blooms like the Hybrid Teas. They are borne singly and reach 5 to 6 inches across. Sometimes the plants bloom so much they grow slowly, so give them a little extra food and water and you will be well rewarded. 6 to 8 ft. $1.65; 3 for $4.50.

N-5115 PAUL'S SCARLET CLIMBER. This strong climber is sensational in spring: none can compare with it for brilliancy of its vivid scarlet non-fading color. The flowers come in clusters on long stems and last for a long time. 12 ft., $1.50; 3 for $4.00. Postpaid.

SAVE $1.05 ON NEW BLAZE SPECIAL!

OFFER N-5105: One each of New Blaze, Doubloons, New Dawn and White Dawn. $6.00 Value, only $4.95 Postpaid.

N-5107 CLIMBING ROSE NEW IMPROVED BLAZE. A marvelous, scarlet-red Rose, combining the bloom and growth of Paul's Scarlet Climber with everblooming character. Blooms are double, often 4 inches in diameter. Gives a gorgeous display in June and repeats intermittently. See picture above. 12 ft., $1.50; 3 for $4.00.

N-5118 DOUBLOONS. An extra hardy variety. Clusters of very large, cup-shaped, saffron yellow blooms, opening one after the other, over a long period. Long heavy canes. Lovely when planted with purple Clematis. 15 ft. $1.50; 3 for $4.00. Postpaid.

N-5116 NEW DAWN. The beautifully formed flowers of soft apple-blossom pink and hybrid tea size are freely produced all summer, and they come on long stems, excellent for cutting. One plant gives a tremendous display and has never disappointed anyone. 15 ft., $1.50; 3 for $4.00. Postpaid.

N-5119 WHITE DAWN. Everblooming large flower-variety which produces hundreds of pure white double blooms resembling gardenias, year after year. May also be used as a ground cover plant. 8 ft., $1.50; 3 for $4.00. Postpaid.

The Fabulous Grandiflora . . . Big, Beautiful, Prolific

A NEW KIND OF ROSE . . . THE "ROSE OF TOMORROW" TODAY!

More are being created and planted each year. Grandifloras produce elegant buds and blossoms that are large and look like the finest Hybrid Teas but they come in great abundance like the Floribundas. They have the delightful habit of bearing their flowers both singly and in clusters on long stems. All are ideally suited for cut flower use and many will last for a week when cut. Plants are vigorous and tall growing and can be used for background plantings. We suggest that you plant plenty of them for both garden display and for cut-flowers for the house.

N-5025 GOLDEN GIRL (Pat. 1912). The rose that surpasses Eclipse, long considered the best yellow rose. A bigger bush produces more flowers. It blooms continuously, buds open into 45-petaled, 4½ inch beauties. A well shaped, vigorous grower, it is a tremendous producer of cut flowers. We believe it is going to be one of the most satisfactory of all modern roses. See in color inside back cover page. $2.50; 3 for $6.60. Postpaid.

N-5030 JOHN S. ARMSTRONG—ALL AMERICA WINNER 1962 (PAF). Here is one of the finest dark red roses in either the grandiflora or hybrid tea class. It has beautifully shaped, long tapering buds and open flowers of deep red, color-fast, intense and velvety. No sunburning, no bluing. Blooms abundantly with long individual stems that make them ideal for cutting. A sturdy, upright bush that produces many basal canes which keeps it well foliaged from the ground up. See in color inside back cover. $3.50; 3 for $9.30. Postpaid.

N-5018 PINK PARFAIT—ALL-AMERICA WINNER 1961 (Pat. 1904). Delicately colored in ice-cream sundae pastels varying from rose-pink to coral. You'll love this rose for its near-perfect buds to its lavish display of flowers—100 on a mature plant at one time. Big, robust and neatly shaped, this plant belongs in your garden. $3.00; 3 for $7.95. Postpaid.

N-5029 QUEEN ELIZABETH ALL AMERICA WINNER 1955 (Pat. 1259). It is truly a Queen, surpassing every rose we know for performance and we consider it near perfect. The superb pure pink blooms actually grow richer and more beautiful with age and last longer when cut than any other garden rose. The showy fragrant blooms are set off with heavy dark green foliage. If you have the space to plant 6 or a dozen, you will never be sorry for then you will always have beautiful flowers to cut for whatever that special occasion might be. See in color inside back cover page. $2.50; 3 for $6.60.

N-5044 STARFIRE ALL-AMERICA WINNER 1959 (Pat. 1742). An unusual currant-red of brilliant luminous quality which does not fade in the sun but stays beautiful throughout the life of the flower. The perfect flowers are unusually large and are lavish with their display against a background of bronzy green foliage. $2.50; 3 for $6.60. Postpaid.

SAVE $1.05 and $2.05 ON THESE SPECIAL OFFERS!

N-4947. One each of Golden Girl, Queen Elizabeth and John S. Armstrong. $8.50 Value, only $7.45, Postpaid.

N-4948 One each of Golden Girl, John S. Armstrong, Pink Parfait, Queen Elizabeth and Starfire. $13.50 Value, Only $11.95 Postpaid.

Everblooming Hybrid Tea Roses in

GARDEN PARTY
All America Rose Selection, 1960

CRIMSON GLORY
The highest rated red Rose.

4 FAMOUS HYBRID TEAS

N-5004 CHRYSLER IMPERIAL. AARS 1953. (Pat. 1167). A magnificent rose which we believe will head the list of all red roses for many years. Its vivid, iridescent shades of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like lustre of garnet, yet attain a brilliance unsurpassed in light. Long, tapering buds unfold even in adverse weather to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. Flowers last up to one week when cut; and they have all you could ask for in fragrance. M. $2.50; 3 for $6.60. Postpaid.

N-5002 GARDEN PARTY. AARS 1960. (Pat. 1814). Garden Party is the first cross of Charlotte Armstrong and Peace to be introduced. Rich ivory at the flower's heart gives way to a pronounced flush of apple blossom pink. The flower is huge, often larger than Peace, yet it has a lovely long bud, characteristic of Charlotte Armstrong. The stem is long and sturdy enough to hold the big bloom gracefully. The plant branches freely providing almost continuous bloom through the season. Against the dark large green olive leaves, the blooms gleam like jewels, and when cut, take their beauty right into the house. $3.00; 3 for $7.95.

N-5014 HELEN TRAUBEL. AARS 1952. (Pat. 1028). This magnificent rose is one of the greatest of all time. The plant is tall, bushy and nearly always in bloom. The very large, long slender buds are exquisite and ideal for cutting. They open to big petaled blooms often 6 inches across, borne singly at the end of long stems. The color, varying from sparkling pink to luminous apricot, is always beautiful. Spicy fragrance. T. $2.75; 3 for $7.20. Postpaid.

A FLAMBOYANT ARISTOCRAT

N-5017 LADY ELGIN. (Pat. 1469). A lovely lady clothed in flaming shades of orange and apricot. Colors remain beautiful through the life of the huge 48 petaled flower. Shapely buds, long stems and sturdy, tall growth make this a completely desirable rose. $2.50; 3 for $6.60.

SAVE ON GARDEN PARTY SPECIAL

OFFER N-4987. One each of Chrysler Imperial, Garden Party, Helen Traubel and Lady Elgin (value $10.75) for $9.25. Postpaid. Save $1.50.

FOR BEAUTIFUL BOUQUETS

Yes, Hybrid Teas make rather special bouquets. Their stems are long and lovely and are crowned with one huge flower. And, they provide the widest selection of alluring colors found in the rose family. Attractive foliage and vigorous bush growth are other reasons for including Hybrid Teas in your garden.

OUR CRIMSON GLORY SPECIAL OFFER $5.35

N-4944 1 each of Charlotte Armstrong, Countess Vandal, Crimson Glory and Eclipse (value $6.00) for $5.35. Postpaid.

Here are four ex-patented varieties that prove that price does not always determine the quality of the rose. These are still unsurpassed in their color class and are widely planted by all who love good roses. If you have never grown roses, start with this offer and you will be thrilled with your gardening as you never have before.

N-5010 CHARLOTTE ARMSTRONG. AARS 1941. This universally known and loved rose is usually the standard by which other roses are judged. Its an amazingly beautiful rose with long, slender blood-red buds which open into magnificent, brilliantly colored flowers, spectrum-red in cool weather, cerise in hot weather. Blooms are on long stems and are very lasting when cut. Foliage is luxuriant. Patent has now expired, but not its beauty. It is still all there. MT. $1.50; 3 for $4.00.

N-5050 CRIMSON GLORY. Patent has expired but it is still the highest rated red rose to-day. It gives a quantity of fine blooms all summer and fall. Its large, urn-shaped buds open to deliciously fragrant flowers of intense, deep vivid crimson. Vigorous, bushy grower. M. $1.50; 3 for $4.00.

N-5061 ECLIPSE. This rose is famous for its exceptionally long, steamlined buds, often exceeding two inches in length, of unchanging brilliant golden yellow, on long cutting stems. A prolific bloomer which grows well everywhere and is a consistent blue ribbon winner at flower shows. Altho its patent has expired, the charms of Eclipse will go on forever. T. $1.50; 3 for $4.00.

N-5021 PEACE. AARS 1946. (Pat. 591). See in color on back cover page. A rose whose sheer loveliness is being acclaimed more widely every year. Never languid, this beauty is a rose of many moods—all lovable—passing from cheery canary yellow in its youthful bud to rich gold, then showing soft tones of cream and ivory and finally the almost sensuous cerise and ripe rose of maturity. Big, from its buds to its blooms and having shining, holly-like foliage, Peace is a "must." Each $1.50; 3 for $4.00. Postpaid.

SAVE ON SPECIAL OFFERS OF WORLD FAMOUS PATENTED ROSES

OFFER N-4953 7 Roses: 1 each of Chrysler Imperial, Golden Scepter, Helen Traubel, Peace, Sterling Silver, Tiffany and White Knight (value $17.25) for $14.95. Postpaid.

OFFER N-4958 12 Roses: 1 each of the 7 roses in above offer 4953 and in addition 1 each of Arlene Francis, Duet, Kordes Perfecta, New Yorker and Suspense, all 12 roses (value $31.75) for $28.75. Postpaid.

BI-COLORS—BLENDS

N-5040 CARELESS LOVE. (Pat. 1582). See in color on page 96. $2.50; 3 for $6.60.

N-5002 GARDEN PARTY. (Pat. 1814). See in "Special Offer" on this page. $3.00; 3 for $7.95.

BI-COLORS BLENDS — (continued)

N-5059 INVITATION. (Pat. 2018). With all its rare combination of good qualities, Invitation really invites you to plant it in your garden. It has unusual beauty of color, a rare shade of rich salmon-orange, excellent form in bud and bloom, nice bush with enormous vigor and semi-glossed foliage, and last but not least a strong delightful fragrance. See in color on page 96. $3.00; 3 for $7.95.

NEW AND UNIQUE COLORING

N-5024 KORDES PERFECTA. (Pat. 1604). A magnificent new rose with an intriguing color combination, different from any rose you have ever seen. The large, very double, perfectly formed buds and flowers present a constantly changing picture, cream white, lined pink and carmine at edges, deepening through as the flower opens to a most delectable combination of pink and white suffused with yellow. It is delicately scented and grows old gracefully as its unique coloring is enhanced in aging. Vigorous plants to 3 ft. with dark glossy green foliage. $3.00; 3 for $7.95. Postpaid.

N-5017 LADY ELGIN. (Pat. 1469). See in "Special Offer" on this page. $2.50; 3 for $6.60.

N-5005 STERLING SILVER. (Pat. 1433). See in color on page 96. $3.00; 3 for $7.95.

N-5023 SUSPENSE—BIG and BEAUTIFUL. (Pat. 1944). Aptly named "Suspense" because of the dramatic spectacle it provides from the moment the first huge yellow bud appears. Next, as the 55 to 60 velvety petals unfold, you see brilliant yellow combined with glorious red. Then, Presto! Fully open, the big 6-inch bloom bursts into vibrant red beauty. If you don't have Suspense, you will want it after you have seen those big red blooms. Tall growing, strong handsome plant with thick canes and good green foliage. $3.00; 3 for $7.95.

N-5078 TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink, and old rose. The rose of many Gold Medals; popular for cutting. T. $1.50; 3 for $4.00.

PINK-SALMON-ROSE

N-5051 COUNTESS VANDAL. The exquisite, long tapering buds of coppery orange open to artistic blooms of coppery pink lighted with salmon. It is widely used for cutting and exhibition. Fragrant. M. $1.50; 3 for $4.00.

N-5019 DUET—ALL AMERICA WINNER 1961. (Pat. 5019). Look at it and you'll see dancing before your eyes a duet of lovely colors. The soft, salmon-pink of the petals' inner face gently turns and flashes near-crimson on the reverse side. In its first blush of beauty this rose forms buds of near perfect shape. They ripen into hundreds of exquisite blooms of medium size. All through the season, you'll enjoy cutting the long-stemmed long lasting beauties. An easy to grow, large vigorous plant with handsome foliage. $3.00; 3 for $7.95.

N-5014 HELEN TRAUBEL. AARS 1952. (Pat. 1028). See "Special Offer" on this page. $2.75.

N-5058 MEMORIAM—THE PERFECT PINK ROSE. (PAF). The long pointed buds slowly unfold into delightfully luminous pink flowers of 50 to 60 crisp petals. Always high centered and very large, 5 to 6 inches across, lovely in delicate pastel shades of pink. An unforgettable rose that we fell in love with when we first saw it, and after watching it perform for a summer, we were not disappointed. We still love it. It bloomed well in the summer heat without fading. At the end of a hot or even a rainy day, the color was still beautiful and the petals crisp and lovely. Strong single stems on an upright, sturdy bush that is above average in resistance to disease. M. $3.50; 3 for $9.30. Illustrated in color on page 95.

N-5075 PICTURE. A picture it is, every flower being perfect in form and color, a velvety rose-pink with a warm salmon undertone. Once you have grown this rose and seen it at its perfection, you will never forget it. M. $1.50; 3 for $4.00.

N-5027 PINK PEACE. (Pat. 1759). See in color on back cover. $3.00; 3 for $7.95.

N-5047 THE DOCTOR. One of the truly lovely pink roses. The buds are long and pointed and expand to enormous blooms of beautiful, glowing rosy pink. It is long lasting when cut and we think it is the most fragrant of all pink roses. M. $1.50; 3 for $4.00.

N-5031 TIFFANY. AARS 1955. (Pat. 1304). This All-American Winner is near perfect and it blooms continually. Its long pointed buds, on strong erect stems, open into large, radiantly beautiful blooms of warm clear pink with a heart of gold. They have exceptional lasting qualities and fragrance. T. $2.75; 3 for $7.20.

an Amazing Selection of Colors!

RED-CRIMSON-SCARLET

MOST BRILLIANT ORANGE COLOR

N-5013 AZTEC. (Pat. 1648). Here is a scarlet-orange so brilliant it fairly sizzles—deeper, richer—the most intense scarlet you have ever seen! This spectacular creation not only has fine buds and eye-catching blooms but they are near rose perfection, colorfast and extremely long lasting when cut. They are borne freely on sturdy stems on a vigorous and somewhat spreading handsomely foliaged plant. $2.75; 3 for $7.20. Postpaid.

N-5010 CHARLOTTE ARMSTRONG. AARS 1941. See "Special Offer" opposite page. MT. $1.50; 3 for $4.00.

N-5039 CHRISTIAN DIOR—ALL AMERICA WINNER 1962. (Pat. 1493). "The Finest Red Rose In The World Today!" says the introducer. Magnificent crimson-red overlaid with iridescent scarlet combined with exquisite form makes Christian Dior an outstanding rose. Color does not blue or fade. Blooms come one to the stem and last long. Wonderful for cutting. Big bloom with 50 to 60 petals. High centered and very double. Abundant bloomer. Light fragrance. Tall, upright plant is vigorous and produces glossy foliage. Illustrated in color on page 95. $3.50; 3 for $9.30.

N-5081 CHRISTOPHER STONE. One of the finest red roses. All season the plants produce quantities of brilliant, glowing, velvety scarlet blooms of good form and delicious old rose fragrance. ML. $1.50; 3 for $4.00.

N-5004 CHRYSLER IMPERIAL. AARS. 1953. (Pat. 1167). See "Special Offer" on opposite page. M. $2.50; 3 for $6.60.

N-5050 CRIMSON GLORY. See "Special Offer" on opposite page. M. $1.50; 3 for $4.00.

N-5041 JOSEPHINE BRUCE. (Pat. 1294). Its superb black-crimson flowers proclaim it to be one of the best and finest and darkest of the red hybrid tea roses. Similar in growth to Crimson Glory but more upright. Flowers superb in form and produced in superabundant quantities throughout the season. Extra long lasting as a cut flower. Very hardy. M. $3.00; 3 for $7.95.

N-5079 KARL HERBST. See in color on back cover. $1.50; 3 for $4.00.

N-5015 NEW YORKER. (Pat. 823). A brilliant red rose that stays red, clear and sparkling, until the last petals fall. Flowers are fragrant, beautifully formed, and of tremendous size, often 6½ inches across. MT. $2.50; 3 for $6.60.

OFFER N-4965. One each of Arlene Francis, New Yorker and Suspense (value $8.50) for $7.50. Postpaid. Save $1.00.

YELLOW-GOLD

N-5009 ARLENE FRANCIS. (Pat. 1581). Golden yellow 5 inch blooms with a delicate inforgettable fragrance. Plant has glossy dark green foliage, is very hardy, and produces masses of flowers all summer and even after the first autumn frosts. Named in honor of the woman whose sunny attitude and great talent have brought beauty to stage and television. MT. $3.00; 3 for $7.95.

N-5061 ECLIPSE. See "Special Offer" on opposite page. $1.50; 3 for $4.00.

N-5028 GOLDEN MASTERPIECE. (Pat. 1284). Enormous, fragrant, golden yellow flowers with high centers. Glossy foliage on a strong plant. Said to be the world's largest yellow rose. T. $3.00; 3 for $7.95.

N-5008 GOLDEN SCEPTER. (Pat. 910). Long slender buds open to large, high centered blooms of rare, unfading golden yellow. Won the highest rose award in Holland. T. $2.00; 3 for $5.25.

N-5026 KING'S RANSOM—ALL AMERICA WINNER 1961. (PAF). At last we have a really fine yellow Hybrid Tea that is breath-taking in size and brilliance of bloom. The buds are long and slender and glittering pure chrome yellow in color. Huge high-centered, 5 to 6 inch flowers with 40 to 50 petals are borne in great profusion on long strong stems. Blooms open slowly and are extremely resistant to weather damage. Plant is full and compact with abundant dense, shiny dark green foliage from the ground up. See in color on page 95. $3.50; 3 for $9.20.

N-5020 LOWELL THOMAS. AARS 1944. Large, beautiful buds open into perfectly formed, high centered, lasting flowers of rich, golden yellow. Vigorous bushy plants. M. $1.75; 3 for $4.65.

EVERBLOOMING *Sub-Zero* HYBRID TEAS

These are the hardiest of all everblooming Hybrid Tea Roses. They are the easiest to grow, getting larger and more beautiful each year. Well established plants often bear more than 100 flowers per bush each season. They are disease-resistant and some are totally immune to blackspot. They bloom continuously right through the mid-summer heat and drought, giving a spectacular display all summer. When you plan your garden, make room for a few of these beauties and find the real joy they will give you.

N-5124 ARCTIC FLAME. (Pat. 1432). Blooms are a gorgeous fiery, ruby red, up to 5 inches in diameter. Frequently, when established, over 100 blooms on a plant. Succeeds well in heat as well as cold and even under drought conditions. M. $1.85; 3 for $5.25.

N-5136 CURLY PINK. (Pat. 842). You will love this rose for it is one of the finest of all pinks. We know of no other variety that can match it in the combination of size and form of bloom, beauty of cluster; constancy, vigor and fragrance. When established, many large, very double, two-toned, rich rose-pink blossoms, form a gorgeous bouquet on a single stem. Fine for arrangements, especially in a soft blue vase. T. $2.00; 3 for $5.25.

N-5135 HANDSOM RED. (Pat. 1182). Ovoid buds open to high centered, full double, moderately fragrant blooms that have their own wonderful velvety sheen. Reminds us of the famous Poinsettia color. Many think it is the most beautiful red rose they have ever seen. Vigorous and free blooming. M. $2.00; 3 for $5.25.

N-5133 TIP TOES. (Pat. 849). A wonderful performer, on its toes, nearly always in bloom. Its large flowers have petals of a brilliant mixture of red and orange overlaid with a soft salmon pink. They are very much liked and have an enjoyable sweet spicelike fragrance. MT. $1.85; 3 for $5.25.

N-5137 HELEN HAYES. (Pat. 1509). This new variety, named in honor of that great actress Helen Hayes, is as beautiful and radiant in its varied coloring as the name it bears. Seldom are two blooms of this rose exactly alike. The medium, long pointed buds of rich yellow open to high centered blooms that slowly change to soft orange and then the full bloom is overlaid with a gorgeous warm pink color. This is one of America's most fragrant roses. Plant is almost thornless and has beautiful reddish green foliage that is non-susceptible to blackspot. M. $2.25; 3 for $6.00.

N-5127 SHADES OF AUTUMN. (Pat. 542). An outstanding brilliant bicolor with orange-copper and carmine shadings. Fragrant flowers produced continuously all season. M. $1.85; 3 for $5.25.

3 SUB-ZERO HYBRID TEAS

SPECIAL OFFER N-5242: One each of Curly Pink, Handsom Red and Helen Hayes (value $6.25) for **$5.25. Postpaid.**

HYBRID TEA COLOR SPECIAL

OFFER N-5230: Our choice of 5 beautiful hybrid tea roses, one each of Red, Pink, Yellow, Two-tone and White, labeled to color, medium grade, for $3.95. Postpaid.

WHITE

N-5063 VIRGO. Long and shapely buds, sometimes blush pink, open to large, high centered, slightly fragrant white blooms. The foliage is dark and leathery on a vigorous, very abundant blooming plant. One of the best white roses available. ML. $1.50; 3 for $4.00.

N-5046 WHITE KNIGHT. AARS 1958. (Pat. 1359). The only white hybrid tea rose ever to win the All-American award. The buds are perfectly pointed, elegant and aristocratic in form. They open to a magnificent, satiny pure white rose, 5 inches across, that does not fade or "ball" in bad weather, but stays white until the last petals drop. It blooms freely and continuously on long strong stems, excellent for cutting. The plant grows upright, is hardy and has disease-resistant foliage. T. $2.75; 3 for $7.20.

1962 ALL AMERICA SPECIAL OFFER

N-4930 1 each of Christian Dior, Golden Slippers, John S. Armstrong and Kings' Ransom, all 4 of these 1962 winners (value $10.50) for $9.25. Postpaid. Save $1.25.

FREE DELIVERY

You pay only prices listed in this catalog, no shipping charges. Sorry, no shipments to Alaska, Hawaii or outside U.S.A.

Planting directions sent with each order; follow them and you will have wonderful roses.

Next Season's Catalog will be mailed on all orders for $2.00 or more. Be sure you get yours.

The letter following the descriptions indicates the relative height: L. means low, M. means medium and T. means tall.

TREE ROSES

"The Crowning Glory of any Garden"

Standard or Tree-shaped Roses are grown by budding the desired variety into a tall straight stalk at a height of 3 ft. The bushy head usually produces more flowers and larger ones than the bush type of the same variety. We offer the following:

N-5140 CRIMSON GLORY **N-5142 THE DOCTOR**
N-5141 ECLIPSE

Price: $7.25; 2 for $13.95. Postpaid.

Spectacular Everblooming Floribundas

Easy To Grow—Produce Hundreds Of Blooms

These Roses are among the hardiest and most continuous blooming hybrids offered, giving a spectacular and permanent display from June until frost. Their flowers are borne in clusters which are very showy in the garden and provide excellent bouquets. Wonderful for planting in groups in the border, for bedding, for foundations (they are stunning in front of picture windows) or for everblooming hedges. Very effective when 3 or more of one variety are planted together. A dozen plants should give you hundreds of blooms this summer.

Famous Patented Floribundas

N-5158 CIRCUS. AARS 1956. (Pat. 1382). This flower's bright yellow and orange buds open to ever-changing tones of yellow, orange, cream, apple pink and bright red. All these hues of color magic are displayed together. Urn-shaped buds open to high centered blooms that are fragrant and very long lasting. Compact plants; handsome foliage. M. $2.50; 3 for $6.60.

N-5151 FASHION. AARS 1952. (Pat. 789). An unusually beautiful floribunda that brings an entirely new color into the rose world. A sparkling coral-pink, overlaid with gold, which changes to clear coral then deepens to reddish tones at the finishing stage. Pointed, Oriental red buds open gradually into lovely miniature Hybrid Teas up to 3½ inches across. Fragrant. M. $1.75; 3 for $4.65.

N-5162 GOLD CUP. AARS 1958. (Pat. 1683). Its flowers are 3 to 3½ inches across, beautifully shaped and sweetly fragrant. The color is a deep, rich gold that does not fade. Plants grow bushy, and are never without flowers, producing hundreds from June until frost. Hardy, vigorous, disease resistant, with ornamental glossy foliage, this is a prize winner you will want M. $2.00; 3 for $5.25.

N-5150 RED PINOCCHIO. (Pat. 812). There are many excellent red Floribunda roses, but this one is the highest rated of all by the American Rose Society. It is a prolific producer of big, double 3½ inch blooms in large, long lasting, unfading clusters. The color is that deep, velvet-red with black shadings that is a favorite with everyone. It really blooms and puts on a better show than any other variety in our garden. M. $1.50; 3 for $4.00.

SAVE ON FASHION SPECIAL

OFFER N-5288 1 each of above 4 Famous Patented Roses (value $7.75) for $6.75. Postpaid.

PETITE, SHAPELY BEAUTY

N-5149 LITTLE DARLING. (Pat. 1581). A rose of delicate beauty that will delight you with continuous bloom, petite, perfectly formed buds and flowers of vivid sunset colors: brilliant red and yellow, changing to orange to pink and melting into a soft yellow center. The buds keep beautifully when cut and seem to be made for corsages. Dainty perfume; shiny reddish foliage. This is a distinctive rose that should find its way into the hearts and gardens of all who love roses. T. $2.25; 3 for $6.00.

AARS. These are Roses selected by the Rose Council after two-year tests in 25 Official All-America Rose Selections Test Gardens. Only a Rose that is almost perfect and gives A-1 results in all parts of the country can pass their rigid tests. When you get an AARS variety you get the best.

FAVORITE FLORIBUNDA ROSES

N-5152 GOLDILOCKS. (Pat. 672). The very double, bright golden yellow flowers, in heavy clusters are like sunshine in your garden. Long lasting, hardy and vigorous. Wild rose fragrance. L. $1.50; 3 for $4.00.

N-5165 FRENSHAM. An English Gold Medal Winner that is "going to town" in America, and no wonder, for one of its parents is Crimson Glory, highest rated of all red roses. It is the perfect red floribunda with exquisite buds and beautiful color. Robust healthy plants, 3 ft. high and about as wide, loaded all season with large trusses of semi-double flowers. Slightly fragrant. MT. Each, $1.50; 3 for $4.00.

N-5161 PINOCCHIO. Extremely hardy, very easy to grow. Great clusters of exquisite pointed buds of rich salmon pink, flushed gold at the base; open flowers like miniature hybrid teas. Patent has now expired so buy several at this new low price. M. $1.50; 3 for $4.00.

N-5167 ROCHESTER. A group of Rochester is a continuous mass of beautiful flowers. Full double blooms, creamy yellow, tinted with the colors of an Oriental pearl. Foliage heavy and disease resistant; growth vigorous; hardy. ML. $1.50; 3 for $4.00.

N-5164 SARABANDE. AARS 1960. (Pat. 1761). Here is one of the finest of all Floribundas, winner of many Gold Medals, in France, Italy, Spain and Switzerland before receiving the AARS award in America. Its bright iridescent orange-red strikes your eye like a lighthouse beacon. Flowers are unusually large, semi-double and with bright yellow stamens for a vivid color contrast. They come in clusters, blooming early and lasting long. Plant forms a dense, low compact bush ideal for low hedges or landscaping effects. $2.50; 3 for $6.60. Postpaid.

GARNETTE RED SWEETHEART or CORSAGE ROSE

N-5169 The petite flowers are a deep garnet red and they are as beautiful in the garden as they are in the florists' shop where they are used so much for corsages. They are borne in clusters of from 15 to 20 and have extremely long lasting qualities both on the bush and when cut. The compact plants are enhanced with masses of crinkled, holly-like foliage. M. Medium grade, $1.50; 3 for $4.00.

BETTY PRIOR SPECIAL OFFER

N-5261 1 each of **BETTY PRIOR, EUTIN, FLORADORA** and **ROSE ELFE** (value $6.00) for $4.75. Postpaid. Save $1.25.

N-5179 BETTY PRIOR. This is everybody's favorite for it is always in bloom and it is still the highest rated floribunda despite stiff competition. The strong healthy growing bushes are always a mass of bright single pink blooms that have a spicy fragrance. Grows tall and bushy and requires little spraying—so use it lavishly for a tall hedge, specimen shrub or wherever a bright color is needed. T. $1.50; 3 for $4.00.

N-5176 EUTIN. Great clusters of very double, glowing red blooms, with as many as a hundred to a cluster, on long, strong stems. Very vigorous, hardy, healthy and free blooming. It is spectacular as an everblooming hedge. Many of them are planted throughout the State of Iowa. M. $1.50; 3 for $4.00.

Hedging grade. See page 32.

N-5166 FLORADORA. AARS 1945. Spectacular and profuse blooming variety with well-shaped double flowers in a dazzling geranium or brick-red color. Keeps beautifully when cut. Tall grower with shiny, holly-like foliage. T. $1.50; 3 for $4.00.

N-5168 ROSE ELFE. Unusually beautiful, silvery rose-pink flowers of gardenia-like form. They are very double, about 2½ inches across, and are produced freely all summer. M. $1.50; 3 for $4.00.

EVERBLOOMING RUGOSA ROSES

These are extra hardy shrub-like roses growing 5 to 6 ft. tall that are excellent for planting in shrub borders. The Grootendorst varieties we offer are very showy and have beautifully fringed flowers. They are produced in clusters from early summer until frost.

N-5096 RED GROOTENDORST SUPREME. Bright red. 18 to 24 in. $1.45; 3 for $3.95.

N-5098 PINK GROOTENDORST. Clear pink. 18 to 24 in. $1.45; 3 for $3.95.

GOLDEN SLIPPERS (PAF) 1962 ALL AMERICA WINNER

N-5163 Golden Slippers, in a brilliant color breakthrough, danced to the top of the floribundas on a cloud of breathless orange. The small pointed buds swell to show a hint of red and a promise of gold, then open into little cupped flowers of an orange so brilliant and unusual it is hard to believe this is a rose. The color is almost fluorescent, holding brightly until the flower is fully open, then softens only slightly to pastel orange surrounding a ring of gold at the high center. Neat, small and compact in growth, sturdy and disease resistant. Foliage bright green and new growth tipped bronze. Recommended for a choice display where a low plant covered with brilliant blooms will enhance the landscaping plan. L. $2.50; 3 for $6.60.

N-5155 FIRE KING. AARS 1960. (Pat. 1758). This fiery vermillion beauty will amaze you. It takes right off after planting, growing upright into a fine medium-height, robust plant with attractive, rich dark green leaves. All season the plant is literally covered with heavy clusters of well-shaped blooms, each with 45 to 50 petals. They make fine bouquets of dramatic color when cut. Excellent in anybody's garden. M.T. $2.50; 3 for $6.60. Postpaid.

N-5153 IVORY FASHION—WHITE AND GOLD BEAUTY. AARS 1959. (Pat. 1688). This descendant of Fashion has all the grace and charm of its parent. Its long slender buds of perfect form open slowly to 4 inch ivory-colored, fragrant blooms. Petals are firm and of heavy texture and keep their fresh appearance until they fall. Exquisite in arrangements. Plant several for cutting. Has an unusually long blooming period M. $2.00; 3 for $5.25.

N-5186 LAVENDER GIRL. (Pat. 1672). The beautifully formed buds have a ruby-red tinge and open to a gorgeous, rich toned lavender color which it holds even in the strong heat of summer. The blooms are very double, up to 3½ inches across and delightfully fragrant. The plant is low, bushy, somewhat spreading and produces its unusual flowers generously throughout the season. First time offered at this new low price. L. $3.00; 3 for $7.95.

GOLDEN SLIPPERS SPECIAL

N-4968 One each of Golden Slippers, Fireking, Ivory Fashion and Lavender Girl (value $10.00) for $8.95.

EVERBLOOMING BABY ROSES

Polyantha or Baby Roses are everblooming, hardy and have large flower clusters like the Floribundas, but the individual flowers are smaller and the plants are more dwarf.

N-5178 CAMEO. Large sprays of cupped, slightly fragrant flowers of salmon-pink turning to soft orange-pink. Profuse bloomer. L. $1.50; 3 for $4.00.

3 New-for-'62 Roses

Including 2 All-America Roses

These 3 Everblooming Hybrid Teas showed themselves to be the finest in their color class last summer in Vaughan's own field trials, despite unusually wet weather.

N-4945
SPECIAL OFFER
1 each of 3 Roses on this page for
$9.15 postpaid
Save $1.35
Bought separately would be
$10.50

The Perfect Pink Rose

N-5058 MEMORIAM (PAF). Perfect? Judge its long-pointed buds, watch them unfold to almost flourescent pink flowers, 5 to 6 inches across with 50 to 60 petals. Consider its band-box beauty after a day of scorching sun or drenching rain. Look at the strong, single stems and the upright, sturdy bush so resistant to disease. You'll agree it's about as perfect as you can imagine. Each **$3.50,** 3 for **$9.30.** Postpaid.

"Finest Red Rose in the World Today"

All-America Winner, 1962

N-5039 (Pat. 1493) CHRISTIAN DIOR. "Finest," so claims the introducer. Pardonable pride, you'll say when you enjoy the sheer magnificence of its crimson color gradually melting into irridescent scarlet. Glory in the form of this wonderful rose named in honor of that great glorifier of female form: Dior. Big, abundant blossoms with 50 to 60 petals are practically colorfast! Tall upright bushy plant with glossy green foliage. Vigorous grower. Each **$3.50;** 3 for **$9.30,** Postpaid.

Sensational New Yellow Rose!

All-America Winner, 1962

N-5026 KING'S RANSOM (PAF). The first sight of this Rose leaves no doubt about why it won honors. The glittering gold buds are long and slender and form huge 6-inch flowers of true chrome yellow—high-centered, very full with 40 to 50 petals sparkling with more beauty than pure gold. Never before a Hybrid Tea with so many blooms of such outstanding size and fragrance and on so fine and tall a plant. You'll welcome this handsome hardy rose into your family garden. Each **$3.50;** 3 for **$9.30.**

VAUGHAN'S ALL-STAR

Hybrid Teas

Everblooming Hybrid Tea Roses are renowned for their lovely color. The colors of these are among the finest and certainly most popular of recent introductions.

SAVE! N-4946 SPECIAL OFFER $7.25 Postpaid
1 each of 3 Roses on this Page, $8.50 if bought individually Save $1.25

Inviting in Every Respect

N-5059 INVITATION (Pat. 2018). Look at the incomparably luxurious coral-orange-salmon hues of its 5-inch flowers with 35 thick petals and you almost automatically bend down to savor the expected delicate bouquet . . . no disappointment, either! Nor any with the beautiful buds, the goodly stems and uprightness of the compact bush. Invitingly lovely in your garden! Each **3.00;** 3 for **$7.95** Postpaid.

Most Precious Color

N-5005. STERLING SILVER (Pat. 1433). The soft, cool lavender of the nearly perfect open flower looks most like rich satin-finish sterling. Rose fanciers prize its tight lavender buds and the bewitching perfume of the long-lasting cut flowers. Vigorous, free-blooming with dark green foliage. **$3.00;** 3 for **$7.95** Postpaid.

N-5040 CARELESS LOVE (Pat. 1582). A real conversation piece with its variegated appearance. Combines red and white streaks, whole petals of rose and white, pink and white and even pure pink—or apricot yellow! An amazingly showy plant that is vigorous and hardy. Produces fragrant flowers throughout season. **$2.50;** 3 for **$6.60** Postpaid.

3 FABULOUS GRANDIFLORAS

SAVE $1.05

All 3 only $7.45

Would be $8.50, bought separately

Fabulous because of their big blooms like Hybrid teas and the abundance of their blooms like Floribundas

OFFER N-4947

Golden Girl (Pat. 1912)

N-5025. Here's the rose that eclipsed "Eclipse", long considered the finest yellow. How? A bigger bush, well-shaped, vigorous producer. Buds open to 45-petalled, 4½-in. rich golden blooms. A tremendous source of long-stemmed beauties for your vases. Now reduced to only **$2.50;** 3 for **$6.60.** Postpaid.

We recommend these as the finest varieties —other fine ones on Page 91

Queen Elizabeth — ALL AMERICA 1955

N-5029. (Pat. 1259) Near perfect in every respect. The loveliness of pure pink blossoms grows richer with age. Last longer cut than any other garden rose. Heavy, dark green foliage. Plant several for all the cut flowers you could want. Each **$2.50;** 3 for **$6.60.** Postpaid.

John S. Armstrong

ALL AMERICA WINNER 1962

(Pat. Appl. for)

N-5030. Among the world's finest dark red roses. Long artistically tapering buds foretell the intense velvety deep red open flowers. Color-fast . . . no bluing, no blanching, no burning. Many blooms on long stems make "picture" roses when cut. Sturdy upright bush with good foliage from the ground up. Each **$3.50;** 3 for **$9.30.** Postpaid.

Loveliest Roses of All

POPULAR PEACE FAMILY

prices cut 40% on Peace and Karl Herbst

PRICE CUT 20% BELOW LAST YEAR
SPECIAL OFFER N-5228
1 EACH of these 3 ROSES
was $6.95 Now Only $5.50 Postpaid

A Gold Medal Winner from England

N-5079. KARL HERBST, Everblooming Hybrid Tea. Descended from Peace and carrying on the tradition of this fine name. Large blooms of deep, vivid red make its bold beauty easy to see . . . has been nicknamed appropriately, "Red Peace." Flowers and foliage last well in warm weather. A sturdy, shapely plant that will enhance the attractiveness of your garden. Each was $2.50 last year, NOW **$1.50;** 3 for **$4.00** Postpaid.

"Most Beautiful Rose in the World"

N-5021. PEACE. AARS 1946. Everblooming Hybrid Tea. A rose whose sheer loveliness is being acclaimed more widely every year. Never languid, this beauty is a rose of many moods—all lovable—passing from cheery canary yellow in its youthful bud to rich gold, then showing soft tones of cream and ivory and finally the almost sensuous cerise and ripe rose of maturity. Big, from its buds to its blooms and having shining, holly-like foliage, Peace is a "must." Each was $2.50 last year, NOW **$1.50;** 3 for **$4.00** Postpaid.

Daughter of Peace

N-5027. PINK PEACE. Everblooming Hybrid Tea. (Pat. 1759). The new pride of the Peace family. Femininely-soft, deep pink suffuses the 65 petals which swell into buxom blooms of 6-in. diameter. Long, slender stems clothed in profuse foliage and vigorous growth habit are more facets of Pink Peace's attractiveness. Each **$3.00;** 3 for **$7.95** Postpaid.